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Binomial Tables

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Binomial Tables

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Culver City, California*

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TABLE OF INDIVIDUAL AND CUMULATIVE
TERMS OF THE POINT BINOMIAL $(q + p)^n$
n: 50 to 100, in steps of 5
p: .01 to .50, in steps of .01

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FOREWORD

The tables in this book will find many uses both within and outside the field of quality control, and the discussion of interpolation which is included should notably enhance that usefulness.

Effective inspection plans are corollary to the quality control of manufactured products, and such plans can be determined only after evaluation of the probabilities connected with the various sampling procedures used. In making such evaluations, it has been necessary in the past to use approximate values of the p binomial. The exact values in these tables will afford a welcome substitute for such approximate values.

Dr. Romig's many contributions to the field of sampling inspection are well known, and it is particularly appropriate that he should now provide us the probability values necessary to the working out of sampling plans. He and his associates at Bell Telephone Laboratories are to be commended for the useful form in which they have presented these tables.

G. D. EDWARDS

Director of Quality Assurance
Bell Telephone Laboratories

PREFACE

This volume presents tables for the positive binomial $(q + p)^n$, where $q = 1 - p$, and covers the range of n values from 50 to 100 in steps of 5 and the range of p values from .01 to .99 in steps of .01. These tables, prepared while the author was associated with Bell Telephone Laboratories, give to six decimal places, the last doubtful, individual and cumulative probabilities for all values of x from 0 to n , where a six-place number exists. Each table for a particular set of n and p values is arranged in three columns, the first column designating the x value for which probability values listed in the second and third columns are given. The values in these columns are as follows:

Column 1: Value of x ,

Column 2: Individual Term—Probability of exactly x , and

Column 3: Cumulative (x or less)—Probability of x or less.

The cumulative values are summed from 0 to x . To obtain a probability value for x or more, read the cumulative value for $x - 1$ and subtract the value read in the third column from 1.

For n values from 2 to 49 Reference [1] derived from Reference [2] presents probability values of the same nature as these Tables, the two tables jointly covering the range from 2 to 100. Probability values for intermediate p values for both tables and for intermediate n values for these Tables require the use of exact or approximate interpolation relations. In other instances where probability values are known, some of the other variables may be unknown. The solution for these latter problems is termed inverse interpolation. A brief treatment of interpolation for p is given in Reference [1] and is included herein for both p and n . For more complete interpolation procedures including inverse interpolation other texts should be consulted.

These Tables were computed at Bell Telephone Laboratories on a General Purpose Digital Computer (now known as the Model 5 Bell Laboratories Computer). They were collated and issued in preliminary draft form in a copyrighted *Memorandum*, dated June 4, 1947. In papers prepared by E. G. Andrews and H. W. Bode describing the Computer, these Tables are mentioned as one of the practical results obtained from it. The preliminary draft was reviewed in Reference [3] by W. Feller of Princeton University when at Cornell University.

ACKNOWLEDGMENT

Thanks are extended to E. G. Andrews for his cooperation and assistance in computing these Tables; to H. Nyquist, John Riordan, and H. W. Bode for their aid in arranging for the project; to F. L. Alt of Aberdeen Proving Ground and his able assistant, Bettie Boyd, for setting up the project on the Computer; and to Alice G. Loe for checking all parts of these Tables, for computing some 5% of the tabular values which could not be completed by the Computing System because of limited availability, and for proof-reading parts of these Tables.

I am particularly indebted to G. D. Edwards and H. F. Dodge for fostering this project. My deepest appreciation is extended to Florence Shepard Briesmeister, Suzanne Campbell Ayres, Shirley M. Holt, and Elizabeth F. Lockey for assisting in the preparation and computation of examples for evaluating the different methods of interpolation; and to other members of the Quality Assurance Department of Bell Telephone Laboratories for guidance and cooperation.

My deepest thanks to Keet W. Halbert for his valuable criticism of the various interpolation methods; and to John Ulmschneider for compiling the three values of p on a page from the original layout of two values of p on a page.

I wish to express my appreciation to Professor H. O. Hartley of the University of London, for reviewing this work, and for his suggestions concerning the presentation of the material in two separate volumes, one giving the tables and a second covering interpolation given in Section 6 of the Introduction. I am deeply grateful to John Riordan of Bell Telephone Laboratories for developing many of the relations for exact interpolation, presented also in Section 6, which he has kindly granted me permission to use.

HARRY G. ROMIG

May 15, 1952
Los Angeles, California

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INTRODUCTION

1. The Binomial, General and Restricted Forms

Recent advances in statistical techniques and procedures have given rise to a demand for tables of the more commonly used functions for which no values, or only a limited number of values, have been tabulated. Among these functions is the positive binomial distribution. The general binomial $(a + b)^n$ has no restrictions placed on the values of a , b and n . These variables may be positive or negative, integral or fractional. Unless n is a positive integer, the resultant series is infinite. Placing the following restrictions on all three variables results in the positive binomial:

1. a and b are positive fractions whose sum is 1; and
2. n is a positive integer.

This restricted binomial is generally written as $(q + p)^n$, where $q = 1 - p$, termed the positive binomial distribution, for which the sum of all the $n + 1$ terms of the distribution is always 1. In its expanded form it is given as:

$$(q + p)^n = q^n + \frac{n}{1!} q^{n-1} p + \frac{n(n-1)}{2!} q^{n-2} p^2 + \dots + p^n. \quad (1)$$

The general term is written as:

$$P_{m,n} = C_m^n (1 - p)^{n-m} p^m. \quad (2)$$

Cumulatively this may be written:

$$\sum_{m=0}^x P_{m,n} = \sum_{m=0}^x C_m^n (1 - p)^{n-m} p^m. \quad (2')$$

The positive binomial distribution differs in its properties from the negative binomial described in References [4], [5], [6] and [7] and is used most commonly. Hereinafter, it is termed simply the binomial, for which probability values are provided by these 50-100 binomial tables. The binomial is also used to approximate many frequency distributions not satisfying all the conditions of a binomial distribution.

The binomial is not continuous, but consists of $n + 1$ finite terms. Since tables for the binomial cover only a restricted range of n and p values, approximation relations have been used to represent both individual and cumulative values, often with considerable

error. The normal distribution and the Poisson exponential distribution are often used as such approximations for certain regions of n and p , the normal where $p \approx .50$ and the Poisson where p is small, say less than .05.

2. Related Distributions Covered by These Tables over a Limited Range

Another distribution, the terms of which require a large amount of computation, is the hypergeometric, whose individual term is

$$P_{m,n;M,N} = \frac{1}{C_n^N} C_{n-m}^{N-M} C_m^M, \quad (3)$$

and whose cumulative term covering the entire distribution is

$$\sum_{m=0}^M P_{m,n;M,N} = \frac{1}{C_n^N} \sum_{m=0}^M C_{n-m}^{N-M} C_m^M, \quad (3')$$

where account is taken of the finite universe from which samples n are selected and $M = pN$. Discussions of this distribution are given in References [5] and [6]. When p is not large, a good approximation to the hypergeometric is provided by the so-called "f binomial," presented in Reference [8], p. 44, Equation (11). Its equation for an individual term is

$$P_{m,M,f} = C_m^M (1-f)^{M-m} f^m, \quad (4)$$

and whose cumulative term covering the entire distribution is

$$\sum_{m=0}^M P_{m,M,f} = \sum_{m=0}^M C_m^M (1-f)^{M-m} f^m, \quad (4')$$

where $f = n/N$ and $M = pN$. Probability values for the f binomial distribution may be determined directly from these Binomial Tables by entering them using the following substitutions:

Symbol in f binomial:	M	f	m
Symbol for entering table:	n	p	x

Prior to the publication of the Binomial Tables, Reference [1], probability values for the binomial for $n = 2$ to 49 were obtained from the "Tables of the Incomplete Beta-Function," Reference [2], by suitable substitutions. These Binomial Tables as well as those in Reference [1] may be used to obtain additional values of the Incomplete Beta-

Function if corresponding values of the Complete Beta-Function are available. Binomial probability values provide values of the ratio

$$I_x(p, q) = \frac{B_x(p, q)}{B(p, q)}, \quad (5)$$

where $B_x(p, q)$ is the Incomplete Beta-Function

$$B_x(p, q) = \int_0^x x^{p-1} (1-x)^{q-1} dx, \quad (6)$$

and $B(p, q)$ is the Complete Beta-Function

$$B(p, q) = \int_0^1 x^{p-1} (1-x)^{q-1} dx. \quad (6')$$

A useful recurrence formula for $I_x(p, q)$ is,

$$I_x(p, q) = x I_x(p-1, q) + (1-x) I_x(p, q-1). \quad (5')$$

In the above the notation of Reference [2] is used. Using the binomial notation, the relationship between the functions is as follows:

$$\begin{aligned} \sum_{m=0}^x C_m^n q^{n-m} p^m &= \frac{n! (n-x)}{(n-x)! x!} B_q(n-x, x+1) \\ &= \frac{n!}{(n-x-1)! x!} \int_0^q y^{n-x-1} (1-y)^x dy. \end{aligned} \quad (7)$$

The coefficient of the Incomplete Beta-Function may be written as

$$\frac{n!}{(n-x-1)! x!} = \frac{\Gamma(n+1)}{\Gamma(n-x) \Gamma(x+1)} = \frac{1}{B(n-x, x+1)} = \frac{1}{\int_0^1 y^{n-x-1} (1-y)^x dy}. \quad (7a)$$

The binomial and the ratio of the Incomplete Beta-Function to the complete Beta-Function are related as follows:

$$\sum_{m=0}^x C_m^n q^{n-m} p^m = \frac{B_q(n-x, x+1)}{B(n-x, x+1)} = I_q(n-x, x+1). \quad (7')$$

The notation of Reference [2] for the ratio $I_x(p, q)$ and its related functions uses the same letters as the binomial with different meanings, hence in this text a subscript I is attached to the symbols p, q, x and P related to the Ratio, and a subscript B is attached

to the symbols n, x, p and P related to the Binomial. In using these Tables for the determination of $I_x(p, q)$ the relations between these two sets of variables are:

$q_I \leq p_I$	$q_I \geq p_I$
$n_B = p_I + q_I - 1$	$n_B = p_I + q_I - 1$
$x_B = q_I - 1$	$x_B = p_I - 1$
$p_B = 1 - p_I$	$p_B = p_I$
$P_B = P_I$	$P_B = 1 - P_I$

3. Notation for Binomial

The following notations are used to represent the probabilities for individual terms and cumulative values of the binomial. The general term for the probability of the occurrence of exactly x events in n trials, where p is the probability of the occurrence of the event in a single trial and $q = 1 - p$, is

$$b(x, n, p) = P_{x, n, p} = C_x^n q^{n-x} p^x, \quad (8)$$

an individual term of the binomial distribution. The relation for determining the value of the cumulative sum of $x + 1$ terms from 0 to x , inclusive, that is, the probability of the occurrence of x or less events in n trials, is

$$B(x, n, p) = P_{x \text{ or less, } n, p} = \sum_{m=0}^x C_m^n q^{n-m} p^m. \quad (9)$$

The relation for determining the probability of the occurrence of more than x events is

$$B'(x, n, p) = 1 - B(x, n, p) = P_{\text{more than } x, n, p} = \sum_{m=x+1}^n C_m^n q^{n-m} p^m. \quad (10)$$

Cumulative probabilities are often expressed in terms of x or more. No special notation for such a cumulative probability is given herein, but its relation is

$$1 - B(x - 1, n, p) = P_{x \text{ or more, } n, p} = \sum_{m=x}^n C_m^n q^{n-m} p^m. \quad (11)$$

For many years, it has been necessary to compute these values, when required. Tables to simplify such computations have been published, such as Reference [9]. Tables of the Poisson exponential, the most extensive being Reference [10], have been used to

provide approximate binomial probability values where time to compute the binomials themselves was not available.

4. Description of These Tables

Procedure Used in their Computation

Part of the trial for the General Purpose Digital Computer (Model 5 Bell Laboratories Computer) consisted in computing both the individual and cumulative values of the binomial distribution. Tapes for use in the Computer were made for such computations using a Recursive Method. The term $q^n = (1 - p)^n$ was first determined, it being the probability value for $x = 0$ for a given value of n and p . The term for $x = 1$, the next successive term was found by multiplying q^n by $n \frac{p}{q}$, each succeeding term being obtained from the previous term by using the proper factor as a multiplier. Each succeeding individual term was determined by the relation

$$b(x + 1, n, p) = \frac{n - x}{x + 1} \frac{p}{q} b(x, n, p). \quad (12)$$

Error

This Recursive Method, due to opportunities for cumulative errors, gives values that are good in the fifth decimal place, but may be in error by several units in the sixth decimal place. The cumulative values were obtained by summing the individual terms beginning with $x = 0$, listing the first value when an integer appears in the sixth place. For both Individual terms and Cumulative values, these Tables give the sixth place, but this last figure is doubtful. The Cumulative values indicate this fact since the sum may be greater or less than 1.000000 by a few units, but it is not known what terms are in error in the sixth place. In these Tables, three values conclude at .999994, ten values at .999995 and one value at 1.000003. The balance of these Tables have terminating values in the range .999996 to 1.000002, inclusive.

These Tables as computed and typed originally had only two values of p per page. A table for one p value consists of individual and cumulative probability values corresponding to x , the cumulation being from 0 to x , inclusive. With two values of p per page, these probabilities for a given n were obtained line by line for $x = 0, 1, 2$, etc. by computing probability values for $p = .01$ and then for $p + .01 = .02$. When these two tables were completed, the next page covering $p = .03$ and $.04$ was computed. This process was continued until $p = .50$ was reached. Computations then proceeded in the same manner for

$n + 5$, $n + 10$, etc. The first n covered was $n = 50$. In these computations, relation (12) was modified to the more useful form

$$b(x, n, p) = \frac{n - x + 1}{x} \frac{p}{q} b(x - 1, n, p). \quad (13)$$

Although all computations followed the pattern above starting with $x = 0$, typed values are not given for some of the smaller x values, such as 0, 1, 2, where cumulative values and individual values have only zeros in the six places, i.e., .000000, and are also not given for some of the larger x values less than n where the individual terms again have zeros in the six places, at which x value tables terminate even though their cumulative sum is not 1.000000, usually being smaller but occasionally being larger as noted under Error above.

Arrangement of These Tables

Eleven n values are covered, 50, 55, . . . , 95, 100, and for each n value, individual and cumulative binomial probability values are listed for 50 p values, .01, .02, .03, . . . , .49, .50. For each table covering an n and p value are listed three columns:

- Column 1 is headed "x";
- Column 2 is headed "Individual Term"; and
- Column 3 is headed "Cumulative (x or less)."

Each page of these Tables lists the n value, such as 65, and three headings for p since at least three complete tables are given on one page as far as possible, $p = .01$, .02, and .03 going together followed by $p = .04$, .05 and .06, and so on. Where comparatively only a few x values are covered by the three p values covered, a page may present six tables rather than three tables.

5. Directions for Use of These Tables

Summarized Guide

The tabulations below indicate the notation used in describing these probability values and their form for use in obtaining values for not only the p binomial, but also for the f binomial and the Incomplete Beta-Function Ratio.

p Binomial, $(q + p)^n$

n = number of units—sample size, lot size, or parameter corresponding to binomial n .

x = term or cumulated terms covered.

p = fraction defective or ratio involved.

$q = 1 - p$ = fraction non-defective or the "reciprocal ratio" involved.

b = notation designating individual term of binomial.

B = notation designating cumulative values of binomial summing from 0 to x , inclusive.

B' = notation designating cumulative values of binomial summing from $x + 1$ to n , inclusive.

f Binomial, $[(1 - f) + f]^M$

$f = \frac{n}{N}$ = ratio of sample size to lot size, often considered as fraction inspected.

N = lot size, where n = sample size.

$M = pN$ = number of defectives in lot of size N .

f Binomial—Approximation to Hypergeometric

The f binomial is used to provide probability values that closely approximate the hypergeometric probabilities in certain areas for m , n , M , N and p , where $f = \frac{n}{N}$. In other areas, the p binomial covered directly by these Tables in certain regions provides approximate probabilities for the hypergeometric and is often used directly. The table below lists the relations for the f binomial in the general binomial notation for both individual and cumulative values.

Values of x , n , p for entry in the Tables to obtain P

Condition	Individual	Cumulative		
		x or less	more than x	x or more
p Binomial				
$p \leq .50$	$b(x,n,p)$	$B(x,n,p)$	$1 - B(x,n,p)$	$1 - B(x - 1,n,p)$
$p \geq .50$	$b(n - x,n,q)$	$1 - B(n - x - 1,n,q)$	$B(n - x - 1,n,q)$	$B(n - x,n,q)$
f Binomial				
$f \leq .50$	$b(x,M,f)$	$B(x,M,f)$	$1 - B(x,M,f)$	$1 - B(x - 1,M,f)$
$f \geq .50$	$b(M - x,M,1 - f)$	$1 - B(M - x - 1,M,1 - f)$	$B(M - x - 1,M,1 - f)$	$B(M - x,M,1 - f)$

50-100 BINOMIAL TABLES

Ratio of Incomplete Beta-Function to Complete Beta-Function: $I_x(p, q)$

Detailed relations are given in Section 2 together with the correspondence between the binomial variables n_B , x_B , p_B , q_B , P_B and the variables p_I , q_I , x_I , P_I for the Incomplete Beta-Function Ratio. In the table below are listed the relations that are to be used to give the probabilities P_I in terms of the binomial notation for cumulative values.

Values of x_B , n_B , p_B for entry in the Tables to obtain P_I

Condition	$q_I \leq p_I^*$	$q_I \geq p_I^*$
$x_I \leq .50$	$1 - B(p_I - 1, p_I + q_I - 1, x_I)$	$1 - B(p_I - 1, p_I + q_I - 1, x_I)$
$x_I \geq .50$	$B(q_I - 1, p_I + q_I - 1, 1 - x_I)$	$B(q_I - 1, p_I + q_I - 1, 1 - x_I)$

*Relations are identical for $q_I \leq p_I$ and $q_I \geq p_I$.

Procedure and Examples **$p \leq .50$, Individual Term**

At the top of each table is given the n and p values covered by that table. The first column for each p value lists the x value and the second column gives the probability value for each individual term (value of x). This value may be read directly.

Example: For $x = 20$, $n = 65$, $p = .28$, determine the probability of the occurrence of exactly 20 events, i.e., $b(x, n, p) = b(20, 65, .28) = ?$

Solution: Enter these Tables at $n = 65$ and $p = .28$. For this particular table in line with $x = 20$ in the first column, read in the adjacent second column

$$b(20, 65, .28) = \underline{.094519}.$$

 $p \leq .50$, Cumulative Value— x or less

The third column gives directly the probability for x or less and is so headed. Following the procedure above for individual terms, enter these Tables for the designated n and p values. From the particular table thus selected, corresponding to the designated x value, read directly in the third column the probability value for $B(x, n, p)$.

Example: For $x = 4$, $n = 75$, $p = .04$, determine the probability of the occurrence of 4 or less events, i.e., $B(x, n, p) = B(4, 75, .04) = ?$

Solution: Enter these Tables at $n = 75$ and $p = .04$. For this particular table in line with $x = 4$ in the first column, read in the next adjacent third column

$$B(4, 75, .04) = \underline{.818752}.$$

$p \leq .50$, Cumulative Value—more than x

The case where the probability is desired for the occurrence of more than x events is related to the case for x or less by the relation $B'(x,n,p) = 1 - B(x,n,p)$ per equation (10). The procedure to be followed is that for x or less above with the additional step that the probability as read must be subtracted from 1 to give the desired probability value.

Example: For $x = 4$, $n = 75$, $p = .04$, determine the probability of the occurrence of more than 4 events, i.e., $B'(x,n,p) = B'(4,75,.04) = ?$

Solution: Enter these Tables at $n = 75$ and $p = .04$. For this particular table in line with $x = 4$ in the first column, read in the next adjacent third column $B(4,75,.04) = .818752$. Then

$$B'(4,75,.04) = 1 - B(4,75,.04) = 1 - .818752 = \underline{.181248}.$$

$p \leq .50$, Cumulative Value— x or more

This case is similar to the one above except that the individual probability value corresponding to x itself has been added. The probability desired is for the occurrence of x or more events in sample n . Equation (11) give $1 - B(x - 1,n,p)$ to represent this cumulative probability. The procedure to be followed is that for x or less above except that $x - 1$ is substituted for x .

Example: For $x = 18$, $n = 90$, $p = .16$, determine the probability of the occurrence of 18 or more events, i.e., $1 - B(x - 1,n,p) = 1 - B(17,90,.16) = ?$

Solution: Enter these Tables at $n = 90$ and $p = .16$. For this particular table in line with $x - 1 = 17$ under the x column, read in the next adjacent third column $B(17,90,.16) = .815643$. Then

$$1 - B(17,90,.16) = 1 - .815643 = \underline{.184357}.$$

$p > .50$, Individual Term

The summary table in this section provides the transformation $b(x,n,p) = b(n - x,n,q)$ that applies. The procedure for $p \leq .50$ for an individual term applies with $n - x$ replacing x and q replacing p .

Example: For $x = 45$, $n = 70$, $p = .70$, determine the probability of the occurrence of exactly 45 events, i.e., $b(x,n,p) = b(45,70,.70) = ?$

Solution: Since $b(45,70,.70)$ is not given directly in these Tables, its form is changed to $b(n - x,n,q) = b(25,70,.30)$ which does occur. For $n = 70$, $p = .30$, in line with

$x = 25$ in first column, read in the adjacent second column $b(25, 70, .30) = .058531$. Then

$$b(45, 70, .70) = b(25, 70, .30) = \underline{.058531}.$$

$p > .50$, Cumulative Value— x or less

The transformation for determining the probability for x or less events when $p > .50$ as given in the summary table is $B(x, n, p) = 1 - B(n - x - 1, n, q) = B'(n - x - 1, n, q)$. Since $q = 1 - p$, this transformation makes it possible to read a value in these Tables, which, when subtracted from 1, gives the desired probability value.

Example: For $x = 50$, $n = 80$, $p = .65$, determine the probability of the occurrence of 50 or less events, i.e., $B(x, n, p) = B(50, 80, .65) = ?$

Solution: Using the above transformation $B(50, 80, .65) = 1 - B(29, 80, .35)$. Enter these Tables at $n = 80$, $p = .35$ and read in the third column, corresponding to $x = 29$, $B(29, 80, .35) = .641170$. Then

$$B(50, 80, .65) = 1 - B(29, 80, .35) = 1 - .641170 = \underline{.358830}.$$

$p > .50$, Cumulative Value—more than x

The transformation in the summary table for this case where $p > .50$ is $B'(x, n, p) = 1 - B(x, n, p) = B(n - x - 1, n, q)$. Substitute $n - x - 1$ for x and $q = 1 - p$ for p and read directly from these Tables for the cumulative (x or less) column the corresponding probability value.

Example: For $x = 37$, $n = 60$, $p = .85$, determine the probability of the occurrence of more than 37 events, i.e., $1 - B(37, 60, .85) = ?$

Solution: Using the transformation above, $1 - B(37, 60, .85) = B(22, 60, .15)$. Enter these Tables for $n = 60$, $p = .15$ and read in the third column corresponding to $x = 22$, $B(22, 60, .15) = .999992$. Then

$$B'(37, 60, .85) = 1 - B(37, 60, .85) = B(22, 60, .15) = \underline{.999992}.$$

$p > .50$, Cumulative Value— x or more

For this case, the individual value for x is added to the cumulative value in the preceding case. The transformation in the summary table for this case where $p > .50$ is $B'(x - 1, n, p) = 1 - B(x - 1, n, p) = B(n - x, n, q)$. Substitute $n - x$ for x and $q = 1 - p$ for p and read directly from these Tables for the cumulative (x or less) column the corresponding probability value.

Example: For $x = 60$, $n = 75$, $p = .75$, determine the probability of the occurrence of 60 or more events, i.e., $1 - B(59, 75, .75) = ?$

Solution: Using the transformation above, $1 - B(59, 75, .75) = B(15, 75, .25)$. Enter the Tables for $n = 75$, $p = .25$ and read in the third column corresponding to $x = 15$, $B(15, 75, .25) = .194592$. Then

$$1 - B(59, 75, .75) = B(15, 75, .25) = \underline{.194592}.$$

6. Interpolation

These Tables provide probability values for n values in steps of 5 for $n = 50$ to 100 and p values in steps of .01 for $p = .01$ to .50, while Reference [1] provides similar probabilities for n values in steps of 1 for $n = 2$ to 49, and p values from .01 to .50 in steps of .01 also. In these Tables, interpolation is necessary for both n and p and for p only in Reference [1] for the binomial. Reference [1] provides a system of interpolation for p that may also be used in these Tables. A companion volume to these Tables is to be published, covering in detail the various methods of interpolation with examples.

Some relations for exact interpolation for the Incomplete Beta-Function are given by T. A. Bancroft in Reference [11]. By proper transformations, these may be applied to the binomial. I am indebted to John Riordan of Bell Telephone Laboratories for many of the exact relations given below. Relations (18), (19) and (23) were provided by Professor H. O. Hartley, University of London.

Exact Interpolation

Interpolation For n

Individual Terms

$$b(x, n - 2, p) = \frac{(x + 2)(x + 1)}{p^2 n(n - 1)} b(x + 2, n, p). \quad (14)$$

$$b(x, n - 1, p) = \frac{x + 1}{pn} b(x + 1, n, p). \quad (15)$$

$$b(x, n + 1, p) = qb(x, n, p) + pb(x - 1, n, p). \quad (16)$$

$$b(x, n + 2, p) = q^2 b(x, n, p) + 2qp b(x - 1, n, p) + p^2 b(x - 2, n, p). \quad (17)$$

$$b(x, n + h, p) = \sum_{i=0}^h b(i, h, p) b(x - i, n, p). \quad (18)$$

Cumulative Terms

$$B(x, n-2, p) = B(x, n, p) + \frac{(x+1)}{n(n-1)q} [(1+q)(n-1-x) b(x+1, n, p)]. \quad (19)$$

$$B(x, n-1, p) = B(x, n, p) + \frac{x+1}{n} b(x+1, n, p). \quad (20)$$

$$B(x, n+1, p) = qB(x, n, p) + pB(x-1, n, p). \quad (21)$$

$$B(x, n+2, p) = q^2B(x, n, p) + 2qpB(x-1, n, p) + p^2B(x-2, n, p). \quad (22)$$

$$B(x, n+h, p) = \sum_{i=0}^h b(i, h, p) B(x-i, n, p). \quad (23)$$

Interpolation For p**Individual Terms**

$$b(x, n, p+r) = \left(\frac{p+r}{p}\right)^x \left(\frac{1-p-r}{1-p}\right)^{n-x} b(x, n, p). \quad (24)$$

For low accuracy interpolation, use

$$b(x, n, p+r) \approx \frac{1}{2} b(x, n, p) \left[1 + \left(1 + \frac{(x-pn)r}{pq} \right)^2 \right]. \quad (25)$$

For direct evaluation, use

$$\log b(x, n, p) = \log C_x^n + (n-x)\log q + x\log p. \quad (26)$$

Cumulative Terms

$$B(x, n, p+r) = B(x, n, p) - \frac{n-x}{q} b(x, n, p) \sum_{i=1}^{\infty} \frac{r^i}{i!} g_{i-1}(x, n-1, p), \quad (27)$$

$$\text{where } g_0 = g_0(x, n-1, p) = 1, \quad (27a)$$

$$g_1 = g_1(x, n-1, p) = \frac{x}{p} - \frac{n-1-x}{q}, \quad (27b)$$

$$g_2 = g_2(x, n-1, p) = \frac{x(x-1)}{p^2} - \frac{2x(n-1-x)}{pq} + \frac{(n-1-x)(n-2-x)}{q^2}, \quad (27c)$$

$$g_i = g_i(x, n-1, p) = \left[\frac{(x)}{p} - \frac{(n-1-x)}{q} \right]^i = \frac{(x)_i}{p^i} - \frac{i(x)_{i-1}(n-1-x)_1}{p^{i-1}q} + \frac{i(i-1)}{2!} \frac{(x)_{i-2}(n-1-x)_2}{p^{i-2}q^2} - \dots + (-1)^i \frac{(n-1-x)_i}{q^i}, \quad (27d)$$

$$g_{i+1} = g_{i+1}(x, n-1, p) = \left[g_i - \frac{i(q-p)}{pq} \right] g_i - \frac{i(n-i)}{pq} g_{i-1}, \quad (27e)$$

$$(x)_j = x(x-1) \cdots (x-j+1) \quad (27f)$$

is a Jordan factorial symbol.

Approximate Interpolation

Interpolates for individual terms or cumulative values may be obtained by the use of linear interpolation but will only be rough approximations to the exact value obtained by computations using the binomial relation. A better approximation is obtained, especially for cumulative values, by the use of linear interpolation of the logarithms of the surrounding values read from these Tables. In most cases, if a fair degree of accuracy is desired for at least 4 places after the decimal, the interpolates for individual terms or cumulative values for n , p or both n and p should be determined by the use of the 5-point Lagrangian Interpolation Coefficients or similar coefficients requiring more than 5 entries in these Tables. Such coefficients are given for from 3 points to 11 points in Reference [12]. Computations carried out by use of these coefficients require little time if performed on an automatic computing machine. More accuracy is obtained in most regions of the table if the logarithms of the entries in these Tables are used rather than the entries themselves. It is suggested that, where interpolates are to be obtained in a rather small area of these Tables, a tabulation of the 7-place logarithms of the entries in the entire useful area should be made for interpolation purposes.

When both n and p are not covered directly by these Tables, bi-variate or two-way uni-variate interpolation may be applied. Reference [13] provides Salzer's Interpolat-

tion Coefficients for bi-variate interpolation. Ordinarily in two-way uni-variate interpolation a 5×5 system would be used, interpolating first for n or p and second, for p or n . Salzer's method gives almost as exact values using only 15 points rather than 25 for the 5×5 system. In some areas his 10-point system gives sufficient accuracy for most problems.

Inverse Interpolation

In many cases, the probability P is given and one of the other variables, x , n or p is the unknown. These Tables provide sufficient entries so that the unknown variable may be determined. A useful guide to assist in the determination of such an unknown variable is a nomograph for the binomial. For the inverse interpolation problem, often two possible answers may be obtained. If sufficient information is provided with the problem, the unknown variable can be determined by the use of entries in these Tables in the neighborhood of the given probability value for the p binomial, the f binomial and the Incomplete Beta-Function Ratio. Extreme care must be used in these determinations since it must be recognized that in many cases the only reasonable solution must be integral, particularly for x and n for the p binomial.

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50-100 BINOMIAL TABLES

n=
50

p=.01

Individual Term	Cumulative (x or less)
.605006	.605006
.305559	.910565
.075618	.986183
.012221	.998404
.001450	.999854
.000135	.999989
.000010	.999999
.000001	1.000000
.000000	1.000000

p=.02

x	Individual Term	Cumulative (x or less)
0	.364170	.364170
1	.371602	.735771
2	.185801	.921572
3	.060670	.982242
4	.014548	.996790
5	.002732	.999521
6	.000418	.999939
7	.000054	.999993
8	.000006	.999999
9	.000001	1.000000
10	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.218065	.218065
1	.337215	.555280
2	.255518	.810798
3	.126442	.937240
4	.045949	.983189
5	.013074	.996264
6	.003033	.999296
7	.000590	.999886
8	.000098	.999984
9	.000014	.999998
10	.000002	1.000000
11	.000000	1.000001

p=.04

Individual Term	Cumulative (x or less)
.129886	.129886
.270595	.400481
.276233	.676714
.184155	.860869
.090159	.951028
.034561	.985589
.010800	.996390
.002829	.999218
.000634	.999852
.000123	.999975
.000021	.999996
.000003	.999999
.000000	1.000000

p=.05

x	Individual Term	Cumulative (x or less)
0	.076945	.076945
1	.202487	.279432
2	.261101	.540533
3	.219875	.760408
4	.135975	.896383
5	.065841	.962224
6	.025990	.988214
7	.008598	.996812
8	.002432	.999244
9	.000597	.999842
10	.000129	.999971
11	.000025	.999995
12	.000004	1.000000
13	.000001	1.000001
14	.000000	1.000001

p=.06

x	Individual Term	Cumulative (x or less)
0	.045331	.045331
1	.144673	.190003
2	.226243	.416246
3	.231057	.647303
4	.173293	.820596
5	.101763	.922359
6	.048716	.971076
7	.019546	.990621
8	.006706	.997327
9	.001997	.999325
10	.000523	.999847
11	.000121	.999969
12	.000025	.999994
13	.000005	.999999
14	.000001	.999999
15	.000000	1.000000

50-100 BINOMIAL TABLES

n=50

p=.07		
x	Individual Term	Cumulative (x or less)
0	.026555	.026555
1	.099938	.126494
2	.184295	.310789
3	.221947	.532735
4	.196292	.729027
5	.135927	.864954
6	.076733	.941686
7	.036304	.977990
8	.014687	.992678
9	.005159	.997837
10	.001592	.999429
11	.000436	.999864
12	.000107	.999971
13	.000023	.999995
14	.000005	.999999
15	.000001	1.000001
16	.000000	1.000001

p=.08		
x	Individual Term	Cumulative (x or less)
0	.015466	.015466
1	.067246	.082712
2	.143262	.225974
3	.199321	.425296
4	.203654	.628950
5	.162924	.791874
6	.106255	.898128
7	.058077	.956205
8	.027145	.983350
9	.011015	.994365
10	.003927	.998292
11	.001242	.999534
12	.000351	.999885
13	.000089	.999974
14	.000020	.999995
15	.000004	.999999
16	.000001	1.000000
17	.000000	1.000000

p=.09		
x	Individual Term	Cumulative (x or less)
0	.008955	.008955
1	.044283	.053238
2	.107302	.160541
3	.169797	.330337
4	.197319	.527656
5	.179538	.707194
6	.133174	.840368
7	.082789	.923157
8	.044010	.967167
9	.020312	.987480
10	.008237	.995716
11	.002962	.998679
12	.000952	.999631
13	.000275	.999906
14	.000072	.999978
15	.000017	.999995
16	.000004	.999999
17	.000001	.999999
18	.000000	1.000000

p=.10		
x	Individual Term	Cumulative (x or less)
0	.005154	.005154
1	.028632	.033786
2	.077943	.111729
3	.138565	.250294
4	.180905	.431199
5	.184925	.616123
6	.154104	.770227
7	.107628	.877855
8	.064278	.942133
9	.033329	.975462
10	.015183	.990646
11	.006135	.996780
12	.002215	.998996
13	.000719	.999715
14	.000211	.999926
15	.000056	.999983
16	.000014	.999996
17	.000003	.999999
18	.000001	1.000001
19	.000000	1.000001

p=.11		
x	Individual Term	Cumulative (x or less)
0	.002948	.002948
1	.018217	.021165
2	.055162	.076327
3	.109085	.185412
4	.158418	.343830
5	.180134	.523964
6	.166978	.690942
7	.129723	.820665
8	.086178	.906843
9	.049706	.956549
10	.025188	.981737
11	.011320	.993058
12	.004547	.997605
13	.001643	.999248
14	.000537	.999784
15	.000159	.999944
16	.000043	.999987
17	.000011	.999997
18	.000002	1.000000
19	.000001	1.000001
20	.000000	1.000001

p=.12		
x	Individual Term	Cumulative (x or less)
0	.001675	.001675
1	.011424	.013099
2	.038165	.051264
3	.083269	.134534
4	.133420	.267954
5	.167382	.435336
6	.171186	.606521
7	.146731	.753252
8	.107547	.860799
9	.068439	.929238
10	.038264	.967501
11	.018974	.986475
12	.008409	.994884
13	.003352	.998236
14	.001208	.999444
15	.000395	.999839
16	.000118	.999957
17	.000032	.999989
18	.000008	.999997
19	.000002	.999999
20	.000000	.999999

50-100 BINOMIAL TABLES

n=
50

p=.13

Individual Term	Cumulative (x or less)
.000946	.000946
.007069	.008015
.025879	.033894
.061872	.095766
.108631	.204397
.149336	.353733
.167359	.521092
.157191	.678283
.126250	.804533
.088036	.892570
.053935	.946505
.029306	.975811
.014232	.990043
.006216	.996259
.002455	.998714
.000880	.999595
.000288	.999883
.000086	.999969
.000024	.999992
.000006	.999998
.000001	.999999
.000000	1.000000

p=.14

x	Individual Term	Cumulative (x or less)
0	.000531	.000531
1	.004320	.004851
2	.017231	.022082
3	.044881	.066964
4	.085849	.152813
5	.128574	.281387
6	.156979	.438366
7	.160630	.598996
8	.140551	.739547
9	.106775	.846323
10	.071266	.917589
11	.042187	.959777
12	.022320	.982097
13	.010621	.992718
14	.004569	.997287
15	.001785	.999072
16	.000636	.999708
17	.000207	.999915
18	.000062	.999977
19	.000017	.999994
20	.000004	.999998
21	.000001	.999999
22	.000000	.999999

p=.15

x	Individual Term	Cumulative (x or less)
0	.000296	.000296
1	.002610	.002905
2	.011283	.014189
3	.031858	.046047
4	.066059	.112105
5	.107248	.219353
6	.141946	.361299
7	.157453	.518751
8	.149348	.668100
9	.122993	.791092
10	.088989	.880081
11	.057105	.937186
12	.032751	.969938
13	.016894	.986832
14	.007879	.994712
15	.003337	.998049
16	.001288	.999337
17	.000455	.999792
18	.000147	.999939
19	.000044	.999982
20	.000012	.999994
21	.000003	.999997
22	.000001	.999998
23	.000000	.999998

50-100 BINOMIAL TABLES

n=
50

p=.16		
x	Individual Term	Cumulative (x or less)
0	.000164	.000164
1	.001559	.001722
2	.007274	.008997
3	.022169	.031165
4	.049616	.080781
5	.086946	.167727
6	.124209	.291936
7	.148712	.440648
8	.152253	.592901
9	.135336	.728237
10	.105691	.833928
11	.073206	.907134
12	.045318	.952452
13	.025232	.977684
14	.012702	.990386
15	.005807	.996192
16	.002419	.998612
17	.000922	.999533
18	.000322	.999855
19	.000103	.999958
20	.000030	.999989
21	.000008	.999997
22	.000002	.999999
23	.000000	1.000000

p=.17		
x	Individual Term	Cumulative (x or less)
0	.000090	.000090
1	.000921	.001011
2	.004621	.005632
3	.015145	.020778
4	.036449	.057226
5	.068682	.125908
6	.105505	.231413
7	.135831	.367243
8	.149537	.516780
9	.142931	.659710
10	.120027	.779738
11	.089396	.869134
12	.059508	.928641
13	.035627	.964268
14	.019285	.983554
15	.009480	.993034
16	.004247	.997281
17	.001740	.999021
18	.000653	.999674
19	.000225	.999900
20	.000072	.999971
21	.000021	.999992
22	.000006	.999998
23	.000001	.999999
24	.000000	1.000000

p=.18		
x	Individual Term	Cumulative (x or less)
0	.000049	.000049
1	.000538	.000587
2	.002896	.003483
3	.010170	.013653
4	.026231	.039885
5	.052975	.092859
6	.087214	.180073
7	.120337	.300411
8	.141983	.442394
9	.145446	.587840
10	.130902	.718742
11	.104489	.823231
12	.074544	.897775
13	.047831	.945606
14	.027749	.973355
15	.014619	.987974
16	.007020	.994994
17	.003082	.998075
18	.001240	.999316
19	.000459	.999774
20	.000156	.999930
21	.000049	.999979
22	.000014	.999993
23	.000004	.999997
24	.000001	.999998
25	.000000	.999999

50-100 BINOMIAL TABLES

n=
50

p=.19

x	Individual Term	Cumulative (x or less)
0	.000027	.000027
1	.000312	.000338
2	.001790	.002128
3	.006719	.008848
4	.018519	.027367
5	.039965	.067331
6	.070308	.137639
7	.103664	.241304
8	.130700	.372004
9	.143071	.515074
10	.137595	.652670
11	.117365	.770035
12	.089473	.859508
13	.061548	.920856
14	.038031	.958887
15	.021410	.980297
16	.010986	.991283
17	.005154	.996437
18	.002216	.998654
19	.000876	.999529
20	.000318	.999848
21	.000107	.999954
22	.000033	.999987
23	.000009	.999997
24	.000002	.999999
25	.000001	1.000000
26	.000000	1.000000

p=.20

x	Individual Term	Cumulative (x or less)
0	.000014	.000014
1	.000178	.000193
2	.001093	.001285
3	.004371	.005656
4	.012840	.018496
5	.029531	.048027
6	.055371	.103398
7	.087012	.190410
8	.116922	.307332
9	.136409	.443741
10	.139819	.583560
11	.127108	.710668
12	.103276	.813944
13	.075471	.889414
14	.049864	.939279
15	.029919	.969197
16	.016362	.985559
17	.008181	.993740
18	.003750	.997490
19	.001579	.999068
20	.000612	.999680
21	.000218	.999899
22	.000072	.999971
23	.000022	.999993
24	.000006	.999999
25	.000002	1.000001
26	.000000	1.000001

p=.21

x	Individual Term	Cumulative (x or less)
0	.000008	.000008
1	.000101	.000109
2	.000659	.000767
3	.002801	.003569
4	.008750	.012319
5	.021599	.033718
6	.042663	.076381
7	.071285	.147666
8	.101852	.249518
9	.126348	.375866
10	.137703	.513568
11	.133107	.646676
12	.114995	.761670
13	.089353	.851024
14	.062773	.913797
15	.040048	.953845
16	.023287	.977132
17	.012381	.989513
18	.006034	.995547
19	.002701	.998248
20	.001113	.999361
21	.000423	.999783
22	.000148	.999932
23	.000048	.999979
24	.000014	.999994
25	.000004	.999998
26	.000001	.999999
27	.000000	.999999

n=
50

50-100 BINOMIAL TABLES

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000004	.000004	0	.000002	.000002	0	.000001	.000001
1	.000057	.000061	1	.000032	.000034	1	.000017	.000018
2	.000392	.000453	2	.000231	.000264	2	.000134	.000153
3	.001770	.002223	3	.001103	.001367	3	.000678	.000830
4	.005866	.008089	4	.003871	.005238	4	.002515	.003346
5	.015221	.023310	5	.010637	.015874	5	.007307	.010653
6	.032199	.055509	6	.023829	.039703	6	.017306	.027959
7	.057085	.112595	7	.044740	.084443	7	.034353	.062312
8	.086543	.199137	8	.071830	.156273	8	.058309	.120621
9	.113911	.313048	9	.100127	.256401	9	.085929	.206550
10	.131728	.444776	10	.122623	.379024	10	.111256	.317806
11	.135106	.579882	11	.133192	.512216	11	.127758	.445563
12	.123847	.703729	12	.129500	.641516	12	.131120	.576683
13	.102106	.805835	13	.112895	.754411	13	.121033	.697716
14	.076112	.881947	14	.089122	.843533	14	.101013	.798729
15	.051522	.933469	15	.063890	.907424	15	.076557	.875286
16	.031789	.965258	16	.041746	.949170	16	.052885	.928171
17	.017932	.983190	17	.024939	.974110	17	.033401	.961572
18	.009273	.992462	18	.013657	.987767	18	.019337	.980909
19	.004405	.996867	19	.006871	.994638	19	.010285	.991194
20	.001926	.998793	20	.003181	.997819	20	.005034	.996228
21	.000776	.999569	21	.001357	.999176	21	.002271	.998499
22	.000288	.999857	22	.000534	.999711	22	.000945	.999444
23	.000099	.999956	23	.000194	.999905	23	.000363	.999808
24	.000031	.999988	24	.000065	.999970	24	.000129	.999937
25	.000009	.999997	25	.000020	.999991	25	.000042	.999979
26	.000003	1.000000	26	.000006	.999996	26	.000013	.999992
27	.000001	1.000001	27	.000002	.999998	27	.000004	.999996
28	.000000	1.000001	28	.000000	.999998	28	.000001	.999997
						29	.000000	.999997

50-100 BINOMIAL TABLES

n=
50

p=.25

x	Individual Term	Cumulative (x or less)
0	.000001	.000001
1	.000009	.000010
2	.000077	.000087
3	.000411	.000498
4	.001610	.002108
5	.004938	.007046
6	.012345	.019391
7	.025865	.045256
8	.046341	.091597
9	.072087	.163684
10	.098519	.262203
11	.119416	.381619
12	.129368	.510987
13	.126051	.637037
14	.111045	.748082
15	.088836	.836918
16	.064776	.901694
17	.043184	.944878
18	.026390	.971268
19	.014816	.986083
20	.007655	.993738
21	.003645	.997383
22	.001602	.998985
23	.000650	.999635
24	.000244	.999878
25	.000084	.999963
26	.000027	.999990
27	.000008	.999998
28	.000002	1.000001
29	.000001	1.000002
30	.000000	1.000002

p=.26

x	Individual Term	Cumulative (x or less)
0	.000000	.000000
1	.000005	.000005
2	.000044	.000049
3	.000246	.000295
4	.001016	.001311
5	.003284	.004595
6	.008653	.013248
7	.019111	.032359
8	.036091	.068449
9	.059176	.127625
10	.085245	.212870
11	.108913	.321783
12	.124366	.446149
13	.127728	.573877
14	.118604	.692481
15	.100012	.792493
16	.076867	.869360
17	.054015	.923375
18	.034793	.958168
19	.020589	.978757
20	.011213	.989970
21	.005628	.995598
22	.002607	.998205
23	.001115	.999320
24	.000441	.999760
25	.000161	.999921
26	.000054	.999976
27	.000017	.999993
28	.000005	.999998
29	.000001	.999999
30	.000000	.999999

p=.27

x	Individual Term	Cumulative (x or less)
1	.000003	.000003
2	.000025	.000027
3	.000145	.000173
4	.000632	.000805
5	.002150	.002955
6	.005964	.008919
7	.013865	.022784
8	.027564	.050348
9	.047577	.097925
10	.072147	.170072
11	.097035	.267106
12	.116641	.383747
13	.126105	.509852
14	.123267	.633119
15	.109421	.742539
16	.088529	.831069
17	.065488	.896556
18	.044406	.940962
19	.027662	.968624
20	.015858	.984482
21	.008379	.992861
22	.004085	.996946
23	.001839	.998786
24	.000765	.999551
25	.000294	.999845
26	.000105	.999950
27	.000034	.999984
28	.000010	.999995
29	.000003	.999998
30	.000001	.999999
31	.000000	.999999

n=
50

50-100 BINOMIAL TABLES

p=.28			p=.29			p=.30		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000001	.000002	1	.000001	.000001	1	.000000	.000000
2	.000014	.000015	2	.000007	.000008	2	.000004	.000004
3	.000085	.000100	3	.000049	.000057	3	.000028	.000032
4	.000387	.000487	4	.000234	.000291	4	.000140	.000172
5	.001386	.001874	5	.000880	.001172	5	.000551	.000723
6	.004043	.005917	6	.002697	.003869	6	.001771	.002494
7	.009883	.015800	7	.006925	.010793	7	.004770	.007264
8	.020659	.036459	8	.015202	.025996	8	.010989	.018253
9	.037492	.073951	9	.028977	.054973	9	.021978	.040232
10	.059779	.133730	10	.048527	.103500	10	.038619	.078851
11	.084536	.218265	11	.072075	.175575	11	.060185	.139036
12	.106844	.325109	12	.095678	.271253	12	.083830	.222866
13	.121455	.446564	13	.114233	.385486	13	.105017	.327883
14	.124828	.571392	14	.123312	.508797	14	.118948	.446831
15	.116507	.687898	15	.120880	.629677	15	.122347	.569178
16	.099111	.787010	16	.108005	.737682	16	.114700	.683877
17	.077087	.864097	17	.088229	.825911	17	.098314	.782192
18	.054960	.919056	18	.066068	.891979	18	.077247	.859438
19	.035997	.955054	19	.045449	.937429	19	.055757	.915195
20	.021698	.976752	20	.028774	.966203	20	.037039	.952234
21	.012055	.988806	21	.016790	.982992	21	.022677	.974911
22	.006179	.994986	22	.009040	.992032	22	.012811	.987722
23	.002926	.997912	23	.004495	.996527	23	.006684	.994406
24	.001280	.999191	24	.002065	.998593	24	.003223	.997628
25	.000518	.999709	25	.000877	.999470	25	.001436	.999065
26	.000194	.999903	26	.000345	.999815	26	.000592	.999656
27	.000067	.999970	27	.000125	.999940	27	.000225	.999882
28	.000021	.999991	28	.000042	.999982	28	.000079	.999961
29	.000006	.999997	29	.000013	.999995	29	.000026	.999987
30	.000002	.999999	30	.000004	.999998	30	.000008	.999995
31	.000000	.999999	31	.000001	.999999	31	.000002	.999997
			32	.000000	1.000000	32	.000001	.999997
						33	.000000	.999998

50-100 BINOMIAL TABLES

n=
50

p=.31		
x	Individual Term	Cumulative (x or less)
2	.000002	.000002
3	.000016	.000018
4	.000082	.000100
5	.000340	.000440
6	.001145	.001584
7	.003233	.004817
8	.007806	.012623
9	.016366	.028989
10	.030147	.059137
11	.049252	.108389
12	.071916	.180305
13	.094444	.274749
14	.112140	.386889
15	.120917	.507806
16	.118836	.626641
17	.106780	.733421
18	.087951	.821372
19	.066551	.887923
20	.046344	.934267
21	.029745	.964012
22	.017616	.981628
23	.009635	.991262
24	.004870	.996132
25	.002275	.998407
26	.000983	.999390
27	.000393	.999783
28	.000145	.999928
29	.000049	.999977
30	.000016	.999993
31	.000005	.999997
32	.000001	.999998
33	.000000	.999999

p=.32		
x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000009	.000010
4	.000048	.000058
5	.000206	.000264
6	.000729	.000992
7	.002155	.003147
8	.005451	.008598
9	.011970	.020568
10	.023095	.043663
11	.039521	.083185
12	.060444	.143629
13	.083145	.226774
14	.103407	.330182
15	.116790	.446971
16	.120225	.567196
17	.113153	.680348
18	.097622	.777970
19	.077372	.855342
20	.056436	.911778
21	.037940	.949718
22	.023535	.973253
23	.013483	.986736
24	.007138	.993875
25	.003493	.997368
26	.001581	.998949
27	.000661	.999610
28	.000256	.999866
29	.000091	.999957
30	.000030	.999987
31	.000009	.999996
32	.000003	.999999
33	.000001	.999999
34	.000000	.999999

p=.33		
x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000005	.000005
4	.000027	.000033
5	.000124	.000156
6	.000457	.000613
7	.001414	.002026
8	.003742	.005769
9	.008602	.014370
10	.017370	.031740
11	.031110	.062850
12	.049800	.112650
13	.071698	.184348
14	.093329	.277677
15	.110324	.388001
16	.118866	.506867
17	.117092	.623958
18	.105732	.729690
19	.087708	.817398
20	.066959	.884358
21	.047114	.931472
22	.030589	.962061
23	.018342	.980403
24	.010163	.990566
25	.005206	.995772
26	.002466	.998238
27	.001079	.999317
28	.000437	.999754
29	.000163	.999917
30	.000056	.999973
31	.000018	.999991
32	.000005	.999996
33	.000001	.999998
34	.000000	.999998

n=50

50-100 BINOMIAL TABLES

p=.34			p=.35			p=.36		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000000	.000000	3	.000001	.000002	3	.000001	.000001
3	.000003	.000003	4	.000009	.000010	4	.000005	.000005
4	.000015	.000018						
5	.000073	.000091	5	.000042	.000053	5	.000024	.000030
6	.000282	.000373	6	.000171	.000224	6	.000103	.000132
7	.000913	.001286	7	.000580	.000804	7	.000363	.000495
8	.002527	.003812	8	.001678	.002482	8	.001096	.001591
9	.006074	.009886	9	.004216	.006698	9	.002877	.004468
10	.012830	.022716	10	.009309	.016006	10	.006636	.011104
11	.024033	.046750	11	.018226	.034233	11	.013573	.024677
12	.040238	.086987	12	.031896	.066129	12	.024813	.049491
13	.060591	.147578	13	.050204	.116333	13	.040799	.090290
14	.082493	.230072	14	.071444	.187777	14	.060652	.150942
15	.101992	.332063	15	.092327	.280104	15	.081880	.232822
16	.114934	.446997	16	.108751	.388855	16	.100751	.333573
17	.118416	.565413	17	.117116	.505972	17	.113345	.446918
18	.111838	.677251	18	.115615	.621586	18	.116887	.563805
19	.097033	.774284	19	.104849	.726436	19	.110735	.674540
20	.077479	.851763	20	.087509	.813944	20	.096547	.771087
21	.057019	.908783	21	.067314	.881259	21	.077582	.848669
22	.038720	.947503	22	.047779	.929038	22	.057526	.906195
23	.024283	.971785	23	.031320	.960358	23	.039393	.945587
24	.014073	.985858	24	.018973	.979331	24	.024928	.970515
25	.007540	.993398	25	.010625	.989955	25	.014583	.985098
26	.003735	.997133	26	.005501	.995456	26	.007887	.992986
27	.001710	.998843	27	.002633	.998089	27	.003944	.996929
28	.000724	.999567	28	.001165	.999254	28	.001822	.998752
29	.000283	.999849	29	.000476	.999730	29	.000778	.999529
30	.000102	.999951	30	.000179	.999909	30	.000306	.999835
31	.000034	.999985	31	.000062	.999971	31	.000111	.999947
32	.000010	.999996	32	.000020	.999991	32	.000037	.999984
33	.000003	.999999	33	.000006	.999997	33	.000011	.999995
34	.000001	.999999	34	.000002	.999999	34	.000003	.999998
35	.000000	1.000000	35	.000000	.999999	35	.000001	.999999
						36	.000000	.999999

50-100 BINOMIAL TABLES

n=
50

p=.37

x	Individual Term	Cumulative (x or less)
4	.000003	.000003
5	.000014	.000017
6	.000060	.000077
7	.000223	.000300
8	.000704	.001005
9	.001930	.002935
10	.004648	.007583
11	.009927	.017511
12	.018949	.036460
13	.032530	.068989
14	.050491	.119481
15	.071169	.190649
16	.091432	.282081
17	.107396	.389477
18	.115635	.505112
19	.114380	.619492
20	.104122	.723613
21	.087358	.810972
22	.067630	.878602
23	.048354	.926956
24	.031948	.958904
25	.019514	.978417
26	.011020	.989437
27	.005753	.995190
28	.002775	.997965
29	.001236	.999202
30	.000508	.999710
31	.000193	.999903
32	.000067	.999970
33	.000022	.999991
34	.000006	.999998
35	.000002	.999999
36	.000000	1.000000

p=.38

x	Individual Term	Cumulative (x or less)
4	.000001	.000002
5	.000008	.000009
6	.000035	.000044
7	.000135	.000179
8	.000445	.000625
9	.001273	.001898
10	.003200	.005098
11	.007132	.012231
12	.014207	.026438
13	.025453	.051890
14	.041229	.093119
15	.060646	.153766
16	.081310	.235076
17	.099671	.334747
18	.111995	.446742
19	.115608	.562350
20	.109828	.672178
21	.096162	.768340
22	.077691	.846032
23	.057969	.904000
24	.039970	.943971
25	.025478	.969449
26	.015015	.984464
27	.008180	.992644
28	.004118	.996762
29	.001915	.998677
30	.000822	.999499
31	.000325	.999824
32	.000118	.999942
33	.000040	.999981
34	.000012	.999993
35	.000003	.999997
36	.000001	.999998
37	.000000	.999998

p=.39

x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000004	.000005
6	.000020	.000025
7	.000081	.000106
8	.000277	.000382
9	.000826	.001208
10	.002165	.003374
11	.005034	.008408
12	.010460	.018868
13	.019548	.038415
14	.033030	.071446
15	.050682	.122128
16	.070882	.193010
17	.090636	.283647
18	.106238	.389884
19	.114396	.504280
20	.113364	.617645
21	.103541	.721186
22	.087262	.808447
23	.067918	.876366
24	.048851	.925217
25	.032482	.957699
26	.019968	.977668
27	.011348	.989016
28	.005960	.994976
29	.002891	.997866
30	.001294	.999160
31	.000534	.999694
32	.000203	.999896
33	.000071	.999967
34	.000023	.999989
35	.000007	.999996
36	.000002	.999998
37	.000000	.999998

n=50

50-100 BINOMIAL TABLES

p=.40			p=.41			p=.42		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
4	.000000	.000000	5	.000001	.000001	5	.000001	.000001
5	.000002	.000003	6	.000006	.000008	6	.000003	.000004
6	.000011	.000014	7	.000027	.000035	7	.000015	.000020
7	.000047	.000061	8	.000102	.000137	8	.000060	.000080
8	.000169	.000231	9	.000330	.000467	9	.000204	.000283
9	.000527	.000757	10	.000941	.001408	10	.000604	.000888
10	.001440	.002197	11	.002378	.003786	11	.001591	.002479
11	.003491	.005688	12	.005370	.009156	12	.003745	.006224
12	.007563	.013251	13	.010909	.020065	13	.007927	.014152
13	.014738	.027988	14	.020034	.040099	14	.015172	.029323
14	.025967	.053955	15	.033413	.073513	15	.026367	.055690
15	.041547	.095502	16	.050793	.124305	16	.041767	.097457
16	.060589	.156091	17	.070593	.194898	17	.060490	.157947
17	.080785	.236876	18	.089936	.284835	18	.080305	.238252
18	.098737	.335613	19	.105260	.390095	19	.097940	.336193
19	.110863	.446476	20	.113378	.503472	20	.109930	.446123
20	.114558	.561034	21	.112554	.616026	21	.113720	.559843
21	.109103	.670137	22	.103102	.719128	22	.108551	.668394
22	.095878	.766015	23	.087223	.806351	23	.095694	.764088
23	.077814	.843830	24	.068189	.874540	24	.077958	.842046
24	.058361	.902191	25	.049281	.923821	25	.058710	.900756
25	.040463	.942654	26	.032929	.956750	26	.040879	.941636
26	.025938	.968592	27	.020340	.977090	27	.026313	.967949
27	.015371	.983963	28	.011611	.988701	28	.015652	.983600
28	.008417	.992380	29	.006121	.994822	29	.008598	.992199
29	.004257	.996637	30	.002977	.997799	30	.004358	.996557
30	.001987	.998624	31	.001335	.999134	31	.002036	.998593
31	.000854	.999478	32	.000551	.999685	32	.000873	.999469
32	.000338	.999816	33	.000209	.999894	33	.000346	.999815
33	.000123	.999939	34	.000073	.999966	34	.000125	.999940
34	.000041	.999980	35	.000023	.999989	35	.000041	.999981
35	.000012	.999993	36	.000007	.999996	36	.000013	.999994
36	.000003	.999996	37	.000002	.999998	37	.000003	.999997
37	.000001	.999997	38	.000000	.999998	38	.000001	.999998
38	.000000	.999998				39	.000000	.999998

50-100 BINOMIAL TABLES

n=
50

p=.43

x	Individual Term	Cumulative (x or less)
6	.000002	.000002
7	.000009	.000011
8	.000035	.000046
9	.000123	.000169
10	.000381	.000551
11	.001046	.001597
12	.002565	.004162
13	.005656	.009818
14	.011277	.021095
15	.020417	.041511
16	.033692	.075204
17	.050834	.126038
18	.070306	.196343
19	.089326	.285670
20	.104449	.390119
21	.112564	.502683
22	.111936	.614619
23	.102800	.717419
24	.087245	.804663
25	.068449	.873112
26	.049651	.922763
27	.033294	.956057
28	.020631	.976688
29	.011807	.988496
30	.006235	.994731
31	.003035	.997765
32	.001359	.999125
33	.000559	.999684
34	.000211	.999895
35	.000073	.999968
36	.000023	.999991
37	.000007	.999997
38	.000002	.999999
39	.000000	.999999

p=.44

x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000005	.000006
8	.000020	.000026
9	.000073	.000099
10	.000236	.000336
11	.000676	.001011
12	.001725	.002736
13	.003962	.006698
14	.008227	.014925
15	.015514	.030439
16	.026664	.057103
17	.041901	.099003
18	.060357	.159360
19	.079871	.239231
20	.097271	.336502
21	.109182	.445684
22	.113081	.558765
23	.108165	.666929
24	.095610	.762539
25	.078127	.840666
26	.059024	.899690
27	.041223	.940913
28	.026806	.967519
29	.015859	.983378
30	.008722	.992100
31	.004421	.996522
32	.002063	.998584
33	.000884	.999468
34	.000347	.999816
35	.000125	.999940
36	.000041	.999981
37	.000012	.999993
38	.000003	.999997
39	.000001	.999997
40	.000000	.999998

p=.45

x	Individual Term	Cumulative (x or less)
6	.000000	.000001
7	.000003	.000003
8	.000011	.000014
9	.000043	.000057
10	.000144	.000201
11	.000428	.000630
12	.001139	.001769
13	.002724	.004493
14	.005891	.010384
15	.011567	.021951
16	.020702	.042653
17	.033877	.076530
18	.050815	.127345
19	.070023	.197368
20	.088802	.286169
21	.103794	.389963
22	.111943	.501906
23	.111501	.613407
24	.102631	.716038
25	.087330	.803368
26	.068704	.872071
27	.049966	.922038
28	.033581	.955619
29	.020843	.976462
30	.011958	.988400
31	.006301	.994701
32	.003061	.997763
33	.001366	.999129
34	.000559	.999688
35	.000209	.999897
36	.000071	.999968
37	.000022	.999990
38	.000006	.999996
39	.000002	.999998
40	.000000	.999998

n=
50

50-100 BINOMIAL TABLES

p=.46			p=.47			p=.48		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
6	.000000	.000000	7	.000001	.000001	7	.000000	.000000
7	.000001	.000002	8	.000003	.000004	8	.000002	.000002
8	.000006	.000008	9	.000014	.000018	9	.000008	.000010
9	.000025	.000033						
10	.000086	.000119	10	.000051	.000069	10	.000029	.000039
11	.000267	.000385	11	.000163	.000232	11	.000098	.000137
12	.000738	.001124	12	.000470	.000701	12	.000293	.000430
13	.001839	.002962	13	.001218	.001919	13	.000791	.001221
14	.004139	.007101	14	.002854	.004773	14	.001930	.003152
15	.008462	.013564	15	.006074	.010847	15	.004276	.007428
16	.015769	.031333	16	.011782	.022629	16	.008635	.016063
17	.026866	.058198	17	.020897	.043526	17	.015942	.032005
18	.041957	.100155	18	.033974	.077501	18	.026978	.058983
19	.060195	.160351	19	.050742	.128243	19	.041942	.100924
20	.079480	.239831	20	.069747	.197989	20	.060009	.160933
21	.096722	.336553	21	.088358	.286348	21	.079132	.240066
22	.108609	.445161	22	.103287	.389634	22	.096287	.336333
23	.112631	.557792	23	.111505	.501140	23	.108202	.444555
24	.107938	.665731	24	.111242	.612382	24	.112364	.556918
25	.095625	.761356	25	.102595	.714977	25	.107869	.664787
26	.078325	.839681	26	.087481	.802458	26	.095742	.760529
27	.059308	.898989	27	.068958	.871416	27	.078557	.839087
28	.041500	.940489	28	.050231	.921647	28	.059565	.898652
29	.026819	.967308	29	.033793	.955440	29	.041712	.940364
30	.015992	.983300	30	.020977	.976417	30	.026952	.967316
31	.008789	.992089	31	.012001	.988418	31	.016051	.983367
32	.004445	.996534	32	.006319	.994737	32	.008797	.992164
33	.002065	.998600	33	.003057	.997794	33	.004429	.996593
34	.000880	.999479	34	.001355	.999149	34	.002044	.998637
35	.000343	.999822	35	.000549	.999699	35	.000863	.999500
36	.000122	.999943	36	.000203	.999902	36	.000332	.999832
37	.000039	.999983	37	.000068	.999970	37	.000116	.999948
38	.000011	.999994	38	.000021	.999991	38	.000037	.999984
39	.000003	.999997	39	.000006	.999996	39	.000010	.999995
40	.000001	.999998	40	.000001	.999998	40	.000003	.999997
41	.000000	.999998	41	.000000	.999998	41	.000001	.999998
						42	.000000	.999998

50-100 BINOMIAL TABLES

n=
50

p=.49

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000004	.000005
10	.000016	.000022
11	.000058	.000079
12	.000180	.000259
13	.000504	.000763
14	.001281	.002044
15	.002953	.004997
16	.006206	.011203
17	.011925	.023128
18	.021006	.044134
19	.033991	.078124
20	.050619	.128744
21	.069478	.198221
22	.087992	.286214
23	.102920	.389134
24	.111245	.500378
25	.111157	.611536
26	.102691	.714227
27	.087701	.801928
28	.069215	.871143
29	.050449	.921591
30	.033929	.955521
31	.021031	.976552
32	.011998	.988550
33	.006288	.994837
34	.003021	.997858
35	.001327	.999185
36	.000531	.999716
37	.000193	.999909
38	.000063	.999972
39	.000019	.999991
40	.000005	.999996
41	.000001	.999997
42	.000000	.999997

p=.50

x	Individual Term	Cumulative (x or less)
8	.000000	.000001
9	.000002	.000003
10	.000009	.000012
11	.000033	.000045
12	.000108	.000153
13	.000315	.000468
14	.000833	.001301
15	.001999	.003300
16	.004373	.007673
17	.008746	.016420
18	.016035	.032454
19	.027006	.059460
20	.041859	.101320
21	.059799	.161119
22	.078826	.239944
23	.095962	.335906
24	.107957	.443863
25	.112275	.556138
26	.107957	.664095
27	.095962	.760057
28	.078826	.838883
29	.059799	.898681
30	.041859	.940541
31	.027006	.967547
32	.016035	.983581
33	.008746	.992328
34	.004373	.996701
35	.001999	.998700
36	.000833	.999533
37	.000315	.999848
38	.000108	.999956
39	.000033	.999989
40	.000009	.999998
41	.000002	1.000001
42	.000000	1.000001

n=
55

50-100 BINOMIAL TABLES

p=.01		
x	Individual Term	Cumulative (x or less)
0	.575355	.575355
1	.319642	.894996
2	.087175	.982171
3	.015556	.997728
4	.002043	.999771
5	.000210	.999981
6	.000018	.999999
7	.000001	1.000001
8	.000000	1.000001

p=.02		
x	Individual Term	Cumulative (x or less)
0	.329181	.329181
1	.369488	.698669
2	.203596	.902265
3	.073405	.975670
4	.019475	.995145
5	.004054	.999199
6	.000689	.999888
7	.000098	.999987
8	.000012	.999999
9	.000001	1.000001
10	.000000	1.000001

p=.03		
x	Individual Term	Cumulative (x or less)
0	.187260	.187260
1	.318535	.505796
2	.265994	.771789
3	.145337	.917126
4	.058434	.975560
5	.018434	.993994
6	.004751	.998745
7	.001029	.999774
8	.000191	.999965
9	.000031	.999995
10	.000004	1.000000
11	.000001	1.000001
12	.000000	1.000001

p=.04		
x	Individual Term	Cumulative (x or less)
0	.105905	.105905
1	.242700	.348605
2	.273037	.621642
3	.200986	.822628
4	.108867	.931495
5	.046269	.977763
6	.016065	.993829
7	.004686	.998515
8	.001171	.999686
9	.000255	.999941
10	.000049	.999990
11	.000008	.999998
12	.000001	.999999
13	.000000	1.000000

p=.05		
x	Individual Term	Cumulative (x or less)
0	.059539	.059539
1	.172349	.231887
2	.244916	.476803
3	.227729	.704533
4	.155815	.860347
5	.083648	.943995
6	.036688	.980683
7	.013517	.994199
8	.004268	.998468
9	.001173	.999641
10	.000284	.999925
11	.000061	.999986
12	.000012	.999998
13	.000002	1.000001
14	.000000	1.000001

p=.06		
x	Individual Term	Cumulative (x or less)
0	.033268	.033268
1	.116793	.150062
2	.201282	.351344
3	.226978	.578321
4	.188343	.766664
5	.122623	.889288
6	.065225	.954513
7	.029143	.983656
8	.011161	.994817
9	.003720	.998538
10	.001092	.999630
11	.000285	.999915
12	.000067	.999982
13	.000014	.999996
14	.000003	.999999
15	.000000	1.000000

50-100 BINOMIAL TABLES

n=
55

p=.07

x	Individual Term	Cumulative (x or less)
0	.018474	.018474
1	.076479	.094953
2	.155424	.250377
3	.206675	.457052
4	.202231	.659283
5	.155261	.814544
6	.097386	.911930
7	.051311	.963241
8	.023173	.986414
9	.009108	.995522
10	.003154	.998676
11	.000971	.999647
12	.000268	.999915
13	.000067	.999982
14	.000015	.999997
15	.000003	1.000000
16	.000001	1.000001
17	.000000	1.000001

p=.08

x	Individual Term	Cumulative (x or less)
0	.010194	.010194
1	.048752	.058946
2	.114462	.173408
3	.175840	.349248
4	.198776	.548024
5	.176306	.724330
6	.127758	.852088
7	.077766	.929853
8	.040573	.970427
9	.018425	.988851
10	.007370	.996221
11	.002622	.998843
12	.000836	.999679
13	.000240	.999919
14	.000063	.999982
15	.000015	.999997
16	.000003	1.000000
17	.000001	1.000001
18	.000000	1.000001

p=.09

x	Individual Term	Cumulative (x or less)
0	.005588	.005588
1	.030398	.035986
2	.081172	.117158
3	.141828	.258986
4	.182350	.441335
5	.183953	.625288
6	.151609	.776898
7	.104960	.881858
8	.062284	.944142
9	.032169	.976311
10	.014635	.990946
11	.005921	.996867
12	.002147	.999015
13	.000702	.999717
14	.000208	.999925
15	.000056	.999982
16	.000014	.999996
17	.000003	.999999
18	.000001	.999999
19	.000000	1.000000

p=.10

x	Individual Term	Cumulative (x or less)
0	.003043	.003043
1	.018598	.021641
2	.055793	.077434
3	.109520	.186954
4	.158195	.345148
5	.179288	.524436
6	.166007	.690443
7	.129117	.819559
8	.086078	.905637
9	.049946	.955583
10	.025528	.981111
11	.011604	.992715
12	.004727	.997443
13	.001737	.999180
14	.000579	.999759
15	.000176	.999935
16	.000049	.999984
17	.000012	.999996
18	.000003	.999999
19	.000001	1.000000
20	.000000	1.000000

p=.11

x	Individual Term	Cumulative (x or less)
0	.001646	.001646
1	.011190	.012836
2	.037341	.050176
3	.081534	.131711
4	.131004	.262715
5	.165154	.427868
6	.170102	.597970
7	.147167	.745137
8	.109135	.854272
9	.070440	.924712
10	.040048	.964760
11	.020249	.985009
12	.009177	.994186
13	.003752	.997937
14	.001391	.999328
15	.000470	.999798
16	.000145	.999943
17	.000041	.999984
18	.000011	.999995
19	.000003	.999998
20	.000001	.999998
21	.000000	.999998

p=.12

x	Individual Term	Cumulative (x or less)
0	.000884	.000884
1	.006631	.007516
2	.024416	.031931
3	.058820	.090751
4	.104272	.195023
5	.145032	.340055
6	.164809	.504864
7	.157318	.662182
8	.128715	.790897
9	.091660	.882557
10	.057496	.940053
11	.032074	.972127
12	.016037	.988164
13	.007234	.995398
14	.002959	.998357
15	.001103	.999460
16	.000376	.999836
17	.000118	.999954
18	.000034	.999988
19	.000009	.999997
20	.000002	.999999
21	.000001	.999999
22	.000000	.999999

n=
55

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000472	.000472	0	.000250	.000250	0	.000131	.000131
1	.003876	.004347	1	.002236	.002485	1	.001274	.001405
2	.015636	.019984	2	.009827	.012312	2	.006069	.007474
3	.041277	.061261	3	.028261	.040573	3	.018921	.026395
4	.080183	.141444	4	.059808	.100380	4	.043407	.069801
5	.122209	.263653	5	.099309	.199689	5	.078132	.147933
6	.152176	.415829	6	.134721	.334410	6	.114900	.262832
7	.159173	.575002	7	.153519	.487930	7	.141935	.404767
8	.142707	.717708	8	.149949	.637879	8	.150284	.555051
9	.111359	.829067	9	.127476	.765355	9	.138497	.693547
10	.076543	.905610	10	.095459	.860814	10	.112427	.805974
11	.046790	.952400	11	.063572	.924386	11	.081164	.887138
12	.025636	.978035	12	.037946	.962332	12	.052518	.939656
13	.012671	.990706	13	.020433	.982764	13	.030655	.970311
14	.005680	.996386	14	.009979	.992743	14	.016229	.986540
15	.002320	.998705	15	.004440	.997183	15	.007828	.994368
16	.000867	.999572	16	.001807	.998990	16	.003454	.997822
17	.000297	.999869	17	.000675	.999665	17	.001398	.999220
18	.000094	.999963	18	.000232	.999897	18	.000521	.999741
19	.000027	.999990	19	.000074	.999971	19	.000179	.999920
20	.000007	.999997	20	.000022	.999992	20	.000057	.999977
21	.000002	.999999	21	.000006	.999998	21	.000017	.999993
22	.000000	1.000000	22	.000001	.999999	22	.000005	.999998
			23	.000000	1.000000	23	.000001	.999999
						24	.000000	.999999
						25	.000000	1.000000

50-100 BINOMIAL TABLES

n=
55

p=.16

x	Individual Term	Cumulative (x or less)
0	.000068	.000068
1	.000717	.000786
2	.003688	.004473
3	.012410	.016883
4	.030729	.047612
5	.059702	.107314
6	.094765	.202079
7	.126353	.328432
8	.144404	.472836
9	.143640	.616476
10	.125856	.742331
11	.098069	.840401
12	.068493	.908894
13	.043153	.952047
14	.024659	.976706
15	.012838	.989544
16	.006113	.995657
17	.002671	.998329
18	.001074	.999403
19	.000398	.999802
20	.000137	.999938
21	.000043	.999982
22	.000013	.999994
23	.000003	.999998
24	.000001	.999999
25	.000000	.999999

p=.17

x	Individual Term	Cumulative (x or less)
0	.000035	.000035
1	.000399	.000434
2	.002207	.002641
3	.007985	.010627
4	.021262	.031888
5	.044419	.076308
6	.075816	.152124
7	.108701	.260825
8	.133584	.394409
9	.142883	.537292
10	.134620	.671912
11	.112798	.784709
12	.084711	.869420
13	.057390	.926811
14	.035264	.962074
15	.019742	.981817
16	.010109	.991925
17	.004750	.996675
18	.002054	.998729
19	.000819	.999549
20	.000302	.999851
21	.000103	.999954
22	.000033	.999986
23	.000010	.999996
24	.000003	.999998
25	.000001	.999999
26	.000000	.999999

p=.18

x	Individual Term	Cumulative (x or less)
0	.000018	.000018
1	.000220	.000238
2	.001301	.001539
3	.005047	.006586
4	.014402	.020988
5	.032246	.053234
6	.058987	.112221
7	.090639	.202860
8	.119378	.322238
9	.136848	.459085
10	.138183	.597268
11	.124089	.721356
12	.099876	.821232
13	.072518	.893750
14	.047756	.941506
15	.028653	.970159
16	.015724	.985884
17	.007919	.993802
18	.003670	.997472
19	.001569	.999041
20	.000620	.999660
21	.000227	.999887
22	.000077	.999964
23	.000024	.999988
24	.000007	.999995
25	.000002	.999997
26	.000000	.999998

n=55

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000009	.000009	0	.000005	.000005	0	.000002	.000002
1	.000119	.000129	1	.000064	.000069	1	.000034	.000037
2	.000757	.000885	2	.000434	.000503	2	.000246	.000282
3	.003136	.004021	3	.001917	.002420	3	.001154	.001436
4	.009563	.013584	4	.006231	.008651	4	.003987	.005423
5	.022879	.036463	5	.015888	.024539	5	.010811	.016235
6	.044723	.081186	6	.033100	.057639	6	.023949	.040184
7	.073434	.154620	7	.057926	.115565	7	.044563	.084747
8	.103352	.257972	8	.086888	.202453	8	.071075	.155822
9	.126602	.384574	9	.113438	.315891	9	.098666	.254488
10	.136605	.521179	10	.130453	.446344	10	.120647	.375135
11	.131086	.652264	11	.133418	.579762	11	.131199	.506334
12	.112744	.765009	12	.122300	.702062	12	.127877	.634211
13	.087476	.852485	13	.101133	.803195	13	.112437	.746648
14	.061557	.914042	14	.075849	.879044	14	.089665	.836313
15	.039467	.953509	15	.051830	.930875	15	.065149	.901462
16	.023145	.976654	16	.032394	.963269	16	.043295	.944758
17	.012455	.989109	17	.018579	.981848	17	.026403	.971160
18	.006168	.995276	18	.009806	.991653	18	.014817	.985977
19	.002817	.998093	19	.004774	.996427	19	.007670	.993647
20	.001190	.999283	20	.002148	.998575	20	.003670	.997317
21	.000465	.999748	21	.000895	.999470	21	.001626	.998943
22	.000169	.999916	22	.000346	.999816	22	.000668	.999611
23	.000057	.999973	23	.000124	.999940	23	.000255	.999866
24	.000018	.999991	24	.000041	.999981	24	.000090	.999956
25	.000005	.999996	25	.000013	.999994	25	.000030	.999986
26	.000001	.999997	26	.000004	.999998	26	.000009	.999995
27	.000000	.999998	27	.000001	.999999	27	.000003	.999997
			28	.000000	.999999	28	.000001	.999998
						29	.000000	.999998

50-100 BINOMIAL TABLES

n=55

p=.22

x	Individual Term	Cumulative (x or less)
0	.000001	.000001
1	.000018	.000019
2	.000137	.000156
3	.000684	.000840
4	.002508	.003349
5	.007216	.010564
6	.016960	.027524
7	.033484	.061008
8	.056666	.117674
9	.083465	.201139
10	.108290	.309429
11	.124950	.434379
12	.129222	.563601
13	.120556	.684158
14	.102009	.786167
15	.078643	.864810
16	.055453	.920263
17	.035882	.956145
18	.021365	.977510
19	.011735	.989245
20	.005958	.995203
21	.002801	.998004
22	.001221	.999225
23	.000494	.999719
24	.000186	.999904
25	.000065	.999969
26	.000021	.999990
27	.000006	.999997
28	.000002	.999999
29	.000000	.999999

p=.23

x	Individual Term	Cumulative (x or less)
0	.000001	.000001
1	.000009	.000010
2	.000076	.000086
3	.000400	.000485
4	.001552	.002037
5	.004727	.006764
6	.011767	.018531
7	.024603	.043134
8	.044094	.087228
9	.068781	.156009
10	.094508	.250517
11	.115484	.366001
12	.126483	.492484
13	.124967	.617451
14	.111983	.729434
15	.091429	.820863
16	.068275	.889137
17	.046786	.935923
18	.029503	.965425
19	.017161	.982586
20	.009227	.991813
21	.004593	.996407
22	.002120	.998527
23	.000909	.999436
24	.000362	.999798
25	.000134	.999932
26	.000046	.999978
27	.000015	.999993
28	.000004	.999998
29	.000001	.999999
30	.000000	.999999

p=.24

x	Individual Term	Cumulative (x or less)
0	.000000	.000000
1	.000005	.000005
2	.000041	.000046
3	.000230	.000276
4	.000944	.001221
5	.003042	.004263
6	.008005	.012268
7	.017696	.029964
8	.033529	.063493
9	.055294	.118787
10	.080321	.199108
11	.103764	.302872
12	.120148	.423020
13	.125499	.548518
14	.118893	.667412
15	.102624	.770035
16	.081019	.851054
17	.058695	.909749
18	.039130	.948878
19	.024063	.972942
20	.013678	.986620
21	.007199	.993819
22	.003513	.997332
23	.001592	.998924
24	.000670	.999594
25	.000262	.999857
26	.000096	.999952
27	.000032	.999985
28	.000010	.999995
29	.000003	.999998
30	.000001	.999999
31	.000000	.999999

n=
55

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000002	.000003	1	.000001	.000001	1	.000001	.000001
2	.000022	.000025	2	.000012	.000013	2	.000006	.000007
3	.000131	.000155	3	.000073	.000086	3	.000040	.000047
4	.000566	.000721	4	.000334	.000420	4	.000194	.000241
5	.001924	.002645	5	.001196	.001616	5	.000732	.000973
6	.005344	.007989	6	.003503	.005119	6	.002256	.003228
7	.012470	.020459	7	.008615	.013735	7	.005840	.009068
8	.024940	.045399	8	.018162	.031897	8	.012959	.022027
9	.043414	.088813	9	.033325	.065222	9	.025031	.047058
10	.066568	.155380	10	.053860	.119082	10	.042587	.089644
11	.090774	.246154	11	.077416	.196498	11	.064437	.154081
12	.110946	.357100	12	.099734	.296231	12	.087387	.241468
13	.122325	.479425	13	.115907	.412138	13	.106908	.348376
14	.122325	.601749	14	.122172	.534309	14	.118624	.467000
15	.111452	.713201	15	.117329	.651638	15	.119924	.586924
16	.092876	.806077	16	.103059	.754697	16	.110889	.697812
17	.071023	.877100	17	.083070	.837767	17	.094090	.791902
18	.049979	.927079	18	.061616	.899384	18	.073468	.865370
19	.032443	.959522	19	.042159	.941542	19	.052916	.918286
20	.019466	.978988	20	.026662	.968205	20	.035229	.953514
21	.010814	.989802	21	.015613	.983818	21	.021716	.975231
22	.005571	.995373	22	.008478	.992296	22	.012413	.987644
23	.002664	.998037	23	.004274	.996570	23	.006587	.994231
24	.001184	.999221	24	.002002	.998572	24	.003249	.997480
25	.000489	.999711	25	.000872	.999444	25	.001490	.998970
26	.000188	.999899	26	.000354	.999798	26	.000636	.999606
27	.000067	.999967	27	.000133	.999931	27	.000253	.999858
28	.000022	.999989	28	.000047	.999978	28	.000093	.999952
29	.000007	.999996	29	.000015	.999993	29	.000032	.999984
30	.000002	.999998	30	.000005	.999998	30	.000010	.999994
31	.000001	.999999	31	.000001	.999999	31	.000003	.999997
32	.000000	.999999	32	.000000	1.000000	32	.000001	.999998
						33	.000000	.999998
						34	.000000	.999999

50-100 BINOMIAL TABLES

n=
55

p=.28		
x	Individual Term	Cumulative (x or less)
1	.000000	.000000
2	.000003	.000004
3	.000022	.000025
4	.000111	.000136
5	.000440	.000577
6	.001427	.002004
7	.003885	.005889
8	.009065	.014955
9	.018410	.033365
10	.032934	.066299
11	.052395	.118695
12	.074712	.193407
13	.096104	.289511
14	.112121	.401632
15	.119181	.520813
16	.115870	.636683
17	.103374	.740057
18	.084869	.824926
19	.064272	.889198
20	.044990	.934189
21	.029161	.963349
22	.017526	.980875
23	.009779	.990654
24	.005071	.995724
25	.002445	.998169
26	.001097	.999267
27	.000458	.999725
28	.000178	.999903
29	.000065	.999968
30	.000022	.999989
31	.000007	.999996
32	.000002	.999998
33	.000001	.999999
34	.000000	.999999

p=.29		
x	Individual Term	Cumulative (x or less)
2	.000002	.000002
3	.000012	.000014
4	.000063	.000076
5	.000261	.000337
6	.000888	.001225
7	.002538	.003763
8	.006220	.009983
9	.013268	.023252
10	.024929	.048181
11	.041655	.089836
12	.062385	.152222
13	.084284	.236506
14	.103278	.339784
15	.115303	.455086
16	.117739	.572825
17	.110325	.683150
18	.095132	.778281
19	.075668	.853949
20	.055632	.909581
21	.037872	.947453
22	.023906	.971359
23	.014010	.985369
24	.007630	.992998
25	.003864	.996863
26	.001821	.998684
27	.000799	.999483
28	.000326	.999809
29	.000124	.999933
30	.000044	.999977
31	.000014	.999992
32	.000004	.999996
33	.000001	.999997
34	.000000	.999998

p=.30		
x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000006	.000007
4	.000035	.000042
5	.000152	.000194
6	.000543	.000737
7	.001629	.002366
8	.004189	.006554
9	.009375	.015929
10	.018481	.034410
11	.032402	.066812
12	.050918	.117730
13	.072180	.189910
14	.092803	.282713
15	.108712	.391425
16	.116477	.507902
17	.114519	.622421
18	.103613	.726034
19	.086474	.812507
20	.066708	.879216
21	.047649	.926864
22	.031560	.958424
23	.019406	.977830
24	.011089	.988919
25	.005893	.994813
26	.002914	.997727
27	.001341	.999068
28	.000575	.999643
29	.000229	.999873
30	.000085	.999958
31	.000029	.999987
32	.000009	.999997
33	.000003	1.000000
34	.000001	1.000001
35	.000000	1.000001

n=
55

50-100 BINOMIAL TABLES

p=.31		
x	Individual Term	Cumulative (x or less)
3	.000003	.000004
4	.000019	.000023
5	.000087	.000110
6	.000327	.000437
7	.001027	.001464
8	.002769	.004233
9	.006496	.010729
10	.013426	.024154
11	.024675	.048830
12	.040649	.089479
13	.060407	.149885
14	.081418	.231303
15	.099983	.331286
16	.112299	.443585
17	.115746	.559331
18	.109781	.669113
19	.096048	.765161
20	.077674	.842835
21	.058162	.900996
22	.040384	.941380
23	.026032	.967411
24	.015594	.983005
25	.008687	.991693
26	.004503	.996196
27	.002173	.998369
28	.000976	.999346
29	.000408	.999754
30	.000159	.999913
31	.000058	.999971
32	.000019	.999990
33	.000006	.999996
34	.000002	.999998
35	.000000	.999999

p=.32		
x	Individual Term	Cumulative (x or less)
3	.000002	.000002
4	.000010	.000012
5	.000049	.000061
6	.000193	.000255
7	.000637	.000891
8	.001797	.002688
9	.004417	.007105
10	.009561	.016666
11	.018406	.035073
12	.031760	.066833
13	.049436	.116269
14	.069792	.186061
15	.089772	.275834
16	.105614	.381448
17	.114020	.495468
18	.113275	.608742
19	.103806	.712548
20	.087930	.800477
21	.068964	.869442
22	.050156	.919598
23	.033865	.953462
24	.021249	.974711
25	.012399	.987110
26	.006733	.993843
27	.003403	.997246
28	.001601	.998847
29	.000702	.999549
30	.000286	.999835
31	.000109	.999943
32	.000038	.999982
33	.000013	.999994
34	.000004	.999998
35	.000001	.999999
36	.000000	1.000000

p=.33		
x	Individual Term	Cumulative (x or less)
3	.000001	.000001
4	.000005	.000006
5	.000027	.000034
6	.000112	.000146
7	.000388	.000534
8	.001146	.001680
9	.002947	.004627
10	.006677	.011305
11	.013455	.024759
12	.024299	.049058
13	.039586	.088644
14	.058493	.147137
15	.078747	.225885
16	.096965	.322850
17	.109565	.432414
18	.113925	.546340
19	.109272	.655611
20	.096877	.752488
21	.079526	.832013
22	.060534	.892548
23	.042779	.935326
24	.028093	.963420
25	.017158	.980578
26	.009751	.990329
27	.005159	.995488
28	.002541	.998028
29	.001165	.999193
30	.000497	.999691
31	.000198	.999888
32	.000073	.999961
33	.000025	.999986
34	.000008	.999994
35	.000002	.999997
36	.000001	.999997
37	.000000	.999998

50-100 BINOMIAL TABLES

n=
55

p=.34

x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000003	.000003
5	.000015	.000018
6	.000064	.000083
7	.000232	.000315
8	.000718	.001032
9	.001931	.002963
10	.004575	.007538
11	.009641	.017179
12	.018211	.035390
13	.031031	.066421
14	.047957	.114377
15	.067527	.181904
16	.086966	.268871
17	.102778	.371649
18	.111776	.483425
19	.112132	.595557
20	.103977	.699534
21	.089273	.788808
22	.071074	.859882
23	.052533	.912415
24	.036083	.948499
25	.023050	.971548
26	.013701	.985249
27	.007581	.992830
28	.003905	.996735
29	.001873	.998608
30	.000836	.999445
31	.000347	.999792
32	.000134	.999926
33	.000048	.999975
34	.000016	.999991
35	.000005	.999996
36	.000001	.999997
37	.000000	.999997

p=.35

x	Individual Term	Cumulative (x or less)
4	.000001	.000002
5	.000008	.000010
6	.000036	.000046
7	.000137	.000183
8	.000442	.000624
9	.001242	.001866
10	.003075	.004941
11	.006774	.011715
12	.013375	.025090
13	.023821	.048912
14	.038481	.087392
15	.056636	.144028
16	.076240	.220269
17	.094179	.314448
18	.107059	.421506
19	.112260	.533766
20	.108806	.642572
21	.097646	.740218
22	.081258	.821476
23	.062778	.884254
24	.045071	.929325
25	.030094	.959419
26	.018697	.978116
27	.010814	.988929
28	.005823	.994752
29	.002919	.997671
30	.001362	.999033
31	.000592	.999625
32	.000239	.999864
33	.000090	.999954
34	.000031	.999985
35	.000010	.999995
36	.000003	.999998
37	.000001	.999999
38	.000000	.999999

p=.36

x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000004	.000005
6	.000020	.000025
7	.000079	.000104
8	.000267	.000371
9	.000784	.001155
10	.002029	.003184
11	.004668	.007852
12	.009629	.017481
13	.017915	.035396
14	.030231	.065627
15	.046481	.112108
16	.065363	.177471
17	.084348	.261819
18	.100163	.361982
19	.109718	.471700
20	.111089	.582789
21	.104146	.686935
22	.090536	.777471
23	.073069	.850539
24	.054801	.905341
25	.038224	.943565
26	.024809	.968374
27	.014989	.983362
28	.008431	.991793
29	.004415	.996209
30	.002153	.998361
31	.000976	.999338
32	.000412	.999750
33	.000161	.999911
34	.000059	.999970
35	.000020	.999990
36	.000006	.999996
37	.000002	.999998
38	.000000	.999998

n=
55

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
5	.000002	.000003	5	.000001	.000001	5	.000001	.000001
6	.000011	.000014	6	.000006	.000007	6	.000003	.000004
7	.000045	.000059	7	.000025	.000032	7	.000014	.000018
8	.000159	.000217	8	.000093	.000125	8	.000053	.000071
9	.000486	.000703	9	.000296	.000421	9	.000177	.000248
10	.001314	.002017	10	.000835	.001256	10	.000521	.000768
11	.003156	.005173	11	.002093	.003349	11	.001362	.002130
12	.006796	.011969	12	.004704	.008053	12	.003193	.005323
13	.013202	.025171	13	.009536	.017588	13	.006752	.012075
14	.023261	.048432	14	.017534	.035122	14	.012950	.025025
15	.037341	.085773	15	.029374	.064496	15	.022631	.047655
16	.054826	.140599	16	.045008	.109504	16	.036172	.083828
17	.073869	.214468	17	.063284	.172788	17	.053055	.136882
18	.091587	.306055	18	.081884	.254672	18	.071609	.208492
19	.104747	.410802	19	.097733	.352405	19	.089156	.297648
20	.110733	.521535	20	.107821	.460226	20	.102603	.400251
21	.108389	.629924	21	.110140	.570366	21	.109331	.509582
22	.098379	.728303	22	.104326	.674692	22	.108028	.617609
23	.082899	.811203	23	.091743	.766434	23	.099096	.716705
24	.064916	.876119	24	.074972	.841407	24	.084475	.801180
25	.047275	.923394	25	.056979	.898386	25	.066971	.868151
26	.032036	.955430	26	.040295	.938681	26	.049405	.917556
27	.020209	.975639	27	.026527	.965207	27	.033926	.951482
28	.011869	.987508	28	.016258	.981466	28	.021691	.973173
29	.006490	.993997	29	.009277	.990743	29	.012911	.986084
30	.003303	.997301	30	.004928	.995671	30	.007154	.993238
31	.001565	.998865	31	.002436	.998107	31	.003689	.996927
32	.000689	.999554	32	.001120	.999227	32	.001769	.998696
33	.000282	.999836	33	.000478	.999705	33	.000788	.999484
34	.000107	.999943	34	.000190	.999895	34	.000326	.999810
35	.000038	.999981	35	.000070	.999964	35	.000125	.999935
36	.000012	.999994	36	.000024	.999988	36	.000044	.999979
37	.000004	.999997	37	.000007	.999996	37	.000015	.999994
38	.000001	.999998	38	.000002	.999998	38	.000004	.999998
39	.000000	.999999	39	.000001	.999999	39	.000001	1.000000
			40	.000000	.999999	40	.000000	1.000000
						41	.000000	1.000001

50-100 BINOMIAL TABLES

n=
55

p=.40		
x	Individual Term	Cumulative (x or less)
5	.000000	.000000
6	.000002	.000002
7	.000007	.000009
8	.000030	.000039
9	.000104	.000143
10	.000319	.000462
11	.000869	.001331
12	.002125	.003457
13	.004687	.008143
14	.009373	.017516
15	.017080	.034596
16	.028467	.063063
17	.043537	.106600
18	.061274	.167874
19	.079549	.247423
20	.095459	.342882
21	.106065	.448947
22	.109279	.558227
23	.104528	.662755
24	.092914	.755668
25	.076809	.832477
26	.059084	.891561
27	.042307	.933868
28	.028205	.962072
29	.017506	.979579
30	.010115	.989693
31	.005438	.995131
32	.002719	.997850
33	.001263	.999114
34	.000545	.999659
35	.000218	.999877
36	.000081	.999957
37	.000028	.999985
38	.000009	.999994
39	.000003	.999996
40	.000001	.999997
41	.000000	.999997

p=.41		
x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000004	.000005
8	.000017	.000021
9	.000060	.000081
10	.000192	.000273
11	.000545	.000817
12	.001388	.002205
13	.003189	.005394
14	.006649	.012043
15	.012629	.024672
16	.021940	.046613
17	.034978	.081591
18	.051314	.132905
19	.069441	.202346
20	.086860	.289206
21	.100601	.389807
22	.108041	.497848
23	.107723	.605570
24	.099811	.705381
25	.086006	.791387
26	.068962	.860350
27	.051473	.911822
28	.035769	.947591
29	.023142	.970734
30	.013938	.984671
31	.007811	.992482
32	.004071	.996553
33	.001972	.998525
34	.000887	.999411
35	.000370	.999781
36	.000143	.999924
37	.000051	.999975
38	.000017	.999991
39	.000005	.999997
40	.000001	.999998
41	.000000	.999998

p=.42		
x	Individual Term	Cumulative (x or less)
6	.000000	.000000
7	.000002	.000003
8	.000009	.000012
9	.000034	.000045
10	.000113	.000158
11	.000335	.000493
12	.000888	.001381
13	.002128	.003509
14	.004623	.008132
15	.009149	.017281
16	.016564	.033845
17	.027517	.061361
18	.042065	.103427
19	.059319	.162746
20	.077319	.240066
21	.093317	.333382
22	.104433	.437815
23	.108504	.546319
24	.104762	.651081
25	.094069	.745150
26	.078599	.823749
27	.061132	.884881
28	.044268	.929149
29	.029846	.958995
30	.018731	.977726
31	.010938	.988664
32	.005941	.994605
33	.002998	.997603
34	.001405	.999008
35	.000610	.999618
36	.000246	.999864
37	.000091	.999955
38	.000031	.999987
39	.000010	.999996
40	.000003	.999999
41	.000001	1.000001
42	.000000	1.000001

n=
55

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
7	.000001	.000001	7	.000001	.000001	8	.000001	.000002
8	.000005	.000006	8	.000003	.000003	9	.000005	.000007
9	.000019	.000025	9	.000010	.000013			
10	.000065	.000090	10	.000037	.000050	10	.000021	.000028
11	.000202	.000292	11	.000119	.000170	11	.000069	.000097
12	.000558	.000850	12	.000343	.000513	12	.000207	.000304
13	.001392	.002241	13	.000892	.001405	13	.000561	.000865
14	.003150	.005391	14	.002103	.003509	14	.001376	.002241
15	.006495	.011886	15	.004517	.008025	15	.003078	.005319
16	.012249	.024134	16	.008873	.016898	16	.006295	.011614
17	.021198	.045333	17	.015993	.032891	17	.011816	.023430
18	.033760	.079093	18	.026528	.059419	18	.020410	.043841
19	.049596	.128689	19	.040590	.100010	19	.032520	.076360
20	.067346	.196035	20	.057406	.157416	20	.047892	.124253
21	.084675	.280709	21	.075175	.232590	21	.065308	.189561
22	.098720	.379429	22	.091284	.323874	22	.082580	.272140
23	.106852	.486281	23	.102907	.426780	23	.096941	.369081
24	.107477	.593758	24	.107807	.534587	24	.105754	.474835
25	.100538	.694296	25	.105035	.639622	25	.107292	.582128
26	.087513	.781809	26	.095224	.734845	26	.101290	.683417
27	.070909	.852718	27	.080361	.815206	27	.089012	.772429
28	.053493	.906211	28	.063141	.878347	28	.072828	.845258
29	.037571	.943782	29	.046189	.924536	29	.055477	.900735
30	.024564	.968346	30	.031453	.955988	30	.039338	.940073
31	.014944	.983290	31	.019930	.975918	31	.025956	.966030
32	.008455	.991745	32	.011744	.987662	32	.015928	.981957
33	.004446	.996191	33	.006431	.994093	33	.009083	.991040
34	.002170	.998361	34	.003270	.997363	34	.004809	.995849
35	.000982	.999343	35	.001541	.998904	35	.002361	.998209
36	.000412	.999755	36	.000673	.999577	36	.001073	.999282
37	.000159	.999914	37	.000271	.999849	37	.000451	.999733
38	.000057	.999971	38	.000101	.999950	38	.000175	.999908
39	.000019	.999990	39	.000035	.999984	39	.000062	.999970
40	.000006	.999996	40	.000011	.999995	40	.000020	.999990
41	.000002	.999997	41	.000003	.999998	41	.000006	.999997
42	.000000	.999998	42	.000001	.999999	42	.000002	.999998
			43	.000000	.999999	43	.000000	.999999

50-100 BINOMIAL TABLES

n-
55

p=.46

x	Individual Term	Cumulative (x or less)
9	.000001	.000001
10	.000003	.000004
11	.000012	.000016
12	.000040	.000056
13	.000123	.000179
14	.000341	.000520
15	.000860	.001380
16	.001984	.003363
17	.004201	.007564
18	.008186	.015750
19	.014715	.030465
20	.024449	.054914
21	.037614	.092528
22	.053659	.146187
23	.071067	.217255
24	.087467	.304722
25	.100116	.404838
26	.106633	.511471
27	.105721	.617192
28	.097589	.714781
29	.083869	.798651
30	.067096	.865746
31	.049947	.915693
32	.034579	.950272
33	.022246	.972519
34	.013287	.985806
35	.007359	.993165
36	.003774	.996939
37	.001789	.998728
38	.000782	.999510
39	.000315	.999825
40	.000116	.999941
41	.000039	.999981
42	.000012	.999993
43	.000003	.999996
44	.000001	.999997
45	.000000	.999997

p=.47

x	Individual Term	Cumulative (x or less)
9	.000001	.000002
10	.000006	.000008
11	.000022	.000030
12	.000071	.000101
13	.000208	.000309
14	.000554	.000863
15	.001343	.002206
16	.002977	.005183
17	.006057	.011240
18	.011339	.022579
19	.019581	.042160
20	.031256	.073416
21	.046196	.119612
22	.063312	.182924
23	.080555	.263479
24	.095247	.358726
25	.104736	.463462
26	.107168	.570630
27	.102076	.672706
28	.090520	.763226
29	.074736	.837962
30	.057439	.895401
31	.041078	.936479
32	.027321	.963799
33	.016886	.980685
34	.009689	.990374
35	.005155	.995530
36	.002540	.998070
37	.001157	.999226
38	.000486	.999712
39	.000188	.999900
40	.000067	.999966
41	.000022	.999988
42	.000006	.999994
43	.000002	.999996
44	.000000	.999996
45	.000000	.999997

p=.48

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000003	.000004
10	.000011	.000015
11	.000039	.000054
12	.000123	.000177
13	.000345	.000522
14	.000882	.001404
15	.002054	.003458
16	.004375	.007833
17	.008549	.016383
18	.015375	.031758
19	.025505	.057262
20	.039108	.096370
21	.055523	.151893
22	.073096	.224989
23	.089340	.314329
24	.101472	.415801
25	.107184	.522985
26	.105352	.628337
27	.096392	.724729
28	.082112	.806841
29	.065123	.871965
30	.048079	.920043
31	.033029	.953072
32	.021102	.974174
33	.012528	.986702
34	.006906	.993608
35	.003530	.997138
36	.001670	.998808
37	.000731	.999539
38	.000295	.999834
39	.000109	.999943
40	.000037	.999980
41	.000012	.999992
42	.000003	.999995
43	.000001	.999996
44	.000000	.999996

50-100 BINOMIAL TABLES

n=
60

p=.49

x	Individual Term	Cumulative (x or less)
10	.000002	.000002
11	.000006	.000008
12	.000022	.000031
13	.000071	.000102
14	.000205	.000307
15	.000539	.000846
16	.001294	.002139
17	.002852	.004991
18	.005784	.010775
19	.010822	.021597
20	.018715	.040312
21	.029969	.070281
22	.044500	.114781
23	.061343	.176125
24	.078584	.254708
25	.093623	.348331
26	.103790	.452120
27	.107106	.559226
28	.102906	.662132
29	.092052	.754183
30	.076649	.830833
31	.059390	.890223
32	.042796	.933019
33	.028658	.961676
34	.017816	.979492
35	.010270	.989763
36	.005482	.995245
37	.002705	.997949
38	.001231	.999180
39	.000516	.999696
40	.000198	.999894
41	.000070	.999963
42	.000022	.999986
43	.000006	.999992
44	.000002	.999994
45	.000000	.999994

p=.50

x	Individual Term	Cumulative (x or less)
10	.000001	.000001
11	.000003	.000004
12	.000012	.000017
13	.000040	.000057
14	.000121	.000178
15	.000330	.000508
16	.000826	.001334
17	.001894	.003228
18	.003999	.007227
19	.007788	.015015
20	.014018	.029032
21	.023363	.052395
22	.036106	.088501
23	.051804	.140305
24	.069072	.209377
25	.085650	.295027
26	.098827	.393854
27	.106147	.500001
28	.106147	.606148
29	.098827	.704974
30	.085650	.790624
31	.069072	.859696
32	.051804	.911500
33	.036106	.947606
34	.023363	.970969
35	.014018	.984987
36	.007788	.992774
37	.003999	.996773
38	.001894	.998668
39	.000826	.999493
40	.000330	.999824
41	.000121	.999944
42	.000040	.999985
43	.000012	.999997
44	.000003	1.000001
45	.000001	1.000002
46	.000000	1.000002

50-100 BINOMIAL TABLES

n=
60

p=.01

x	Individual Term	Cumulative (x or less)
0	.547157	.547157
1	.331610	.878767
2	.098813	.977580
3	.019297	.996877
4	.002778	.999654
5	.000314	.999968
6	.000029	.999998
7	.000002	1.000000
8	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.297553	.297553
1	.364351	.661904
2	.219354	.881258
3	.086548	.967806
4	.025170	.992976
5	.005753	.998729
6	.001076	.999805
7	.000169	.999974
8	.000023	.999997
9	.000003	1.000000
10	.000000	1.000001

p=.03

x	Individual Term	Cumulative (x or less)
0	.160807	.160807
1	.298404	.459211
2	.272255	.731466
3	.162792	.894258
4	.071746	.966004
5	.024852	.990856
6	.007046	.997902
7	.001681	.999583
8	.000344	.999927
9	.000062	.999989
10	.000010	.999998
11	.000001	1.000000
12	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.086352	.086352
1	.215881	.302233
2	.265354	.567587
3	.213757	.781344
4	.126918	.908262
5	.059228	.967490
6	.022622	.990112
7	.007271	.997384
8	.002007	.999391
9	.000483	.999874
10	.000103	.999977
11	.000019	.999996
12	.000003	.999999
13	.000001	1.000000
14	.000000	1.000001

p=.05

x	Individual Term	Cumulative (x or less)
0	.046070	.046070
1	.145484	.191553
2	.225882	.417436
3	.229845	.647281
4	.172384	.819665
5	.101616	.921281
6	.049025	.970306
7	.019905	.990211
8	.006941	.997151
9	.002111	.999262
10	.000567	.999829
11	.000136	.999964
12	.000029	.999993
13	.000006	.999999
14	.000001	1.000000
15	.000000	1.000001

p=.06

x	Individual Term	Cumulative (x or less)
0	.024416	.024416
1	.093507	.117923
2	.176072	.293996
3	.217281	.511277
4	.197633	.708910
5	.141287	.850196
6	.082668	.932864
7	.040706	.973570
8	.017213	.990783
9	.006348	.997131
10	.002067	.999198
11	.000600	.999798
12	.000156	.999954
13	.000037	.999991
14	.000008	.999999
15	.000002	1.000001
16	.000000	1.000001

50-100 BINOMIAL TABLES

n=
60

p=.07		
x	Individual Term	Cumulative (x or less)
0	.012852	.012852
1	.058042	.070894
2	.128878	.199773
3	.187543	.387316
4	.201155	.588472
5	.169576	.758048
6	.117002	.875049
7	.067936	.942986
8	.033877	.976863
9	.014733	.991595
10	.005655	.997251
11	.001935	.999185
12	.000595	.999780
13	.000165	.999945
14	.000042	.999987
15	.000010	.999997
16	.000002	.999999
17	.000000	.999999

p=.08		
x	Individual Term	Cumulative (x or less)
0	.006718	.006718
1	.035053	.041771
2	.089918	.131689
3	.151167	.282856
4	.187315	.470171
5	.182429	.652600
6	.145414	.798014
7	.097545	.895558
8	.056194	.951753
9	.028233	.979986
10	.012521	.992506
11	.004949	.997455
12	.001757	.999212
13	.000564	.999777
14	.000165	.999941
15	.000044	.999985
16	.000011	.999996
17	.000002	.999998
18	.000001	.999999
19	.000000	.999999

p=.09		
x	Individual Term	Cumulative (x or less)
0	.003487	.003487
1	.020694	.024181
2	.060375	.084556
3	.115443	.199999
4	.162698	.362697
5	.180219	.542917
6	.163386	.706302
7	.124655	.830958
8	.081677	.912634
9	.046672	.959307
10	.023541	.982848
11	.010583	.993431
12	.004274	.997705
13	.001561	.999265
14	.000518	.999784
15	.000157	.999941
16	.000044	.999985
17	.000011	.999996
18	.000003	.999998
19	.000001	.999999
20	.000000	.999999

p=.10		
x	Individual Term	Cumulative (x or less)
0	.001797	.001797
1	.011980	.013777
2	.039268	.053045
3	.084353	.137399
4	.133560	.270958
5	.166207	.437166
6	.169285	.606451
7	.145102	.751553
8	.106811	.858364
9	.068570	.926934
10	.038856	.965790
11	.019624	.985414
12	.008904	.994318
13	.003653	.997971
14	.001363	.999333
15	.000464	.999798
16	.000145	.999943
17	.000042	.999985
18	.000011	.999996
19	.000003	.999998
20	.000001	.999999
21	.000000	.999999

p=.11		
x	Individual Term	Cumulative (x or less)
0	.000919	.000919
1	.006816	.007736
2	.024853	.032589
3	.059387	.091975
4	.104594	.196569
5	.144786	.341355
6	.164036	.505391
7	.156401	.661792
8	.128064	.789856
9	.091451	.881307
10	.057645	.938952
11	.032385	.971337
12	.016344	.987681
13	.007459	.995140
14	.003095	.998235
15	.001173	.999408
16	.000408	.999816
17	.000130	.999946
18	.000039	.999985
19	.000011	.999995
20	.000003	.999998
21	.000001	.999999
22	.000000	.999999

p=.12		
x	Individual Term	Cumulative (x or less)
0	.000467	.000467
1	.003818	.004284
2	.015358	.019642
3	.040489	.060131
4	.078677	.138808
5	.120162	.258970
6	.150202	.409172
7	.158005	.567177
8	.142743	.709920
9	.112464	.822384
10	.078214	.900598
11	.048480	.949077
12	.026994	.976072
13	.013592	.989663
14	.006222	.995885
15	.002602	.998487
16	.000998	.999485
17	.000352	.999837
18	.000115	.999952
19	.000035	.999987
20	.000010	.999996
21	.000003	.999999
22	.000001	.999999
23	.000000	.999999

50-100 BINOMIAL TABLES

n=
60

p=.13

x	Individual Term	Cumulative (x or less)
0	.000235	.000235
1	.002107	.002342
2	.009289	.011632
3	.026835	.038467
4	.057141	.095608
5	.095629	.191236
6	.130986	.322222
7	.150988	.473210
8	.149470	.622680
9	.129044	.751724
10	.098340	.850064
11	.066793	.916858
12	.040754	.957612
13	.022485	.980097
14	.011279	.991376
15	.005169	.996545
16	.002172	.998717
17	.000840	.999557
18	.000300	.999857
19	.000099	.999956
20	.000030	.999987
21	.000009	.999995
22	.000002	.999998
23	.000001	.999998
24	.000000	.999998

p=.14

x	Individual Term	Cumulative (x or less)
0	.000117	.000117
1	.001147	.001265
2	.005510	.006775
3	.017341	.024116
4	.040227	.064343
5	.073345	.137687
6	.109448	.247136
7	.137447	.384582
8	.148234	.532817
9	.139425	.672241
10	.115755	.787996
11	.085654	.873650
12	.056936	.930586
13	.034223	.964809
14	.018703	.983512
15	.009337	.992849
16	.004275	.997124
17	.001801	.998926
18	.000700	.999626
19	.000252	.999878
20	.000084	.999962
21	.000026	.999988
22	.000008	.999996
23	.000002	.999998
24	.000001	.999998
25	.000000	.999999

p=.15

x	Individual Term	Cumulative (x or less)
0	.000058	.000058
1	.000617	.000675
2	.003210	.003884
3	.010950	.014835
4	.027537	.042372
5	.054426	.096799
6	.088043	.184841
7	.119857	.304698
8	.140127	.444825
9	.142874	.587699
10	.128587	.716286
11	.103145	.819430
12	.074325	.893755
13	.048429	.942184
14	.028691	.970875
15	.015527	.986402
16	.007706	.994108
17	.003920	.997628
18	.001484	.999112
19	.000579	.999691
20	.000209	.999900
21	.000070	.999970
22	.000022	.999992
23	.000006	.999999
24	.000002	1.000002
25	.000000	1.000002

50-100 BINOMIAL TABLES

n=60

p=.16		
x	Individual Term	Cumulative (x or less)
0	.000029	.000029
1	.000327	.000356
2	.001838	.002194
3	.006770	.008964
4	.018374	.027338
5	.039199	.066537
6	.068442	.134979
7	.100569	.235548
8	.126908	.362456
9	.139666	.502121
10	.135675	.637797
11	.117468	.755264
12	.091364	.846628
13	.064256	.910884
14	.041089	.951973
15	.024001	.975974
16	.012858	.988832
17	.006339	.995171
18	.002884	.998055
19	.001214	.999269
20	.000474	.999744
21	.000172	.999916
22	.000058	.999974
23	.000018	.999992
24	.000005	.999997
25	.000001	.999999
26	.000000	.999999

p=.17		
x	Individual Term	Cumulative (x or less)
0	.000014	.000014
1	.000171	.000185
2	.001036	.001222
3	.004103	.005324
4	.011975	.017299
5	.027470	.044769
6	.051574	.096343
7	.081489	.177832
8	.110575	.288408
9	.130855	.419263
10	.136688	.555951
11	.127256	.683207
12	.106430	.789637
13	.080488	.870125
14	.055344	.925469
15	.034762	.960232
16	.020025	.980257
17	.010616	.990873
18	.005194	.996067
19	.002352	.998419
20	.000987	.999406
21	.000385	.999791
22	.000140	.999931
23	.000047	.999978
24	.000015	.999993
25	.000004	.999998
26	.000001	.999999
27	.000000	.999999

p=.18		
x	Individual Term	Cumulative (x or less)
0	.000007	.000007
1	.000089	.000096
2	.000575	.000671
3	.002441	.003111
4	.007634	.010745
5	.018769	.029514
6	.037767	.067281
7	.063953	.131234
8	.093005	.224239
9	.117957	.342196
10	.132055	.474251
11	.131762	.606013
12	.118104	.724116
13	.095724	.819840
14	.070542	.890382
15	.047487	.937869
16	.029317	.967186
17	.016657	.983843
18	.008735	.992577
19	.004238	.996816
20	.001907	.998723
21	.000797	.999521
22	.000310	.999831
23	.000113	.999943
24	.000038	.999981
25	.000012	.999993
26	.000004	.999997
27	.000001	.999998
28	.000000	.999998

50-100 BINOMIAL TABLES

n=
60

p=.19		
x	Individual Term	Cumulative (x or less)
0	.000003	.000003
1	.000045	.000049
2	.000314	.000363
3	.001426	.001789
4	.004767	.006557
5	.012524	.019081
6	.026930	.046011
7	.048730	.094742
8	.075728	.170469
9	.102632	.273102
10	.122779	.395880
11	.130909	.526789
12	.125387	.652176
13	.108597	.760773
14	.085518	.846291
15	.061517	.907808
16	.040584	.948392
17	.024639	.973031
18	.013807	.986838
19	.007159	.993997
20	.003443	.997439
21	.001538	.998977
22	.000640	.999617
23	.000248	.999865
24	.000090	.999954
25	.000030	.999985
26	.000010	.999994
27	.000003	.999997
28	.000001	.999998
29	.000000	.999998

p=.20		
x	Individual Term	Cumulative (x or less)
0	.000002	.000002
1	.000023	.000025
2	.000170	.000194
3	.000819	.001013
4	.002919	.003933
5	.008174	.012106
6	.018731	.030837
7	.036124	.066962
8	.059831	.126792
9	.086422	.213215
10	.110189	.323403
11	.125214	.448618
12	.127823	.576440
13	.117990	.694430
14	.099027	.793458
15	.075921	.869379
16	.053382	.922761
17	.034541	.957302
18	.020629	.977931
19	.011400	.989331
20	.005843	.995174
21	.002782	.997956
22	.001233	.999189
23	.000509	.999698
24	.000196	.999895
25	.000071	.999965
26	.000024	.999989
27	.000007	.999997
28	.000002	.999999
29	.000001	1.000000
30	.000000	1.000000

p=.21		
x	Individual Term	Cumulative (x or less)
0	.000001	.000001
1	.000011	.000012
2	.000090	.000102
3	.000463	.000565
4	.001754	.002320
5	.005223	.007542
6	.012726	.020269
7	.026097	.046366
8	.045959	.092325
9	.070587	.162911
10	.095694	.258605
11	.115626	.374231
12	.125505	.499736
13	.123183	.622919
14	.109929	.732848
15	.089613	.822461
16	.066997	.889458
17	.046095	.935553
18	.029271	.964824
19	.017200	.982024
20	.009373	.991397
21	.004746	.996143
22	.002236	.998379
23	.000982	.999361
24	.000403	.999764
25	.000154	.999918
26	.000053	.999973
27	.000018	.999991
28	.000006	.999997
29	.000002	.999999
30	.000000	.999999
31	.000000	1.000000

n=
60

50-100 BINOMIAL TABLES

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000000	.000000	1	.000003	.000003	1	.000001	.000001
1	.000006	.000006	2	.000024	.000027	2	.000012	.000014
2	.000047	.000053	3	.000141	.000168	3	.000076	.000090
3	.000258	.000311	4	.000600	.000769	4	.000342	.000432
4	.001035	.001346	5	.002009	.002778	5	.001211	.001643
5	.003271	.004617	6	.005500	.008278	6	.003505	.005149
6	.008456	.013073	7	.012674	.020952	7	.008539	.013688
7	.018399	.031472	8	.025081	.046033	8	.017865	.031553
8	.034380	.065852	9	.043286	.089319	9	.032596	.064149
9	.056027	.121879	10	.065940	.155259	10	.052496	.116645
10	.080592	.202471	11	.089529	.244789	11	.075354	.191998
11	.103324	.305795	12	.109199	.353988	12	.097166	.289165
12	.118999	.424793	13	.120435	.474423	13	.115295	.402460
13	.123928	.548721	14	.120770	.595193	14	.120110	.522570
14	.117345	.666066	15	.110628	.705820	15	.116317	.638887
15	.101499	.767565	16	.092938	.798758	16	.103308	.742195
16	.080516	.848081	17	.071851	.870609	17	.084437	.826633
17	.058778	.906858	18	.051270	.921880	18	.063698	.890331
18	.039604	.946462	19	.033853	.955733	19	.044465	.934797
19	.024692	.971154	20	.020730	.976462	20	.028785	.963582
20	.014277	.985431	21	.011794	.988257	21	.017315	.980897
21	.007670	.993102	22	.006245	.994502	22	.009693	.990590
22	.003835	.996937	23	.003082	.997584	23	.005057	.995647
23	.001787	.998724	24	.001419	.999003	24	.002462	.998109
24	.000777	.999501	25	.000610	.999614	25	.001120	.999228
25	.000316	.999817	26	.000245	.999859	26	.000476	.999704
26	.000120	.999937	27	.000092	.999952	27	.000189	.999894
27	.000043	.999979	28	.000033	.999984	28	.000070	.999964
28	.000014	.999993	29	.000011	.999995	29	.000025	.999988
29	.000004	.999998	30	.000003	.999998	30	.000008	.999996
30	.000001	.999999	31	.000001	.999999	31	.000002	.999999
31	.000000	.999999	32	.000000	.999999	32	.000001	1.000000
						33	.000000	1.000000

50-100 BINOMIAL TABLES

n=
60

p=.25

x	Individual Term	Cumulative (x or less)
1	.000001	.000001
2	.000006	.000007
3	.000040	.000047
4	.000192	.000239
5	.000717	.000956
6	.002190	.003146
7	.005632	.008778
8	.012437	.021215
9	.023953	.045167
10	.040719	.085887
11	.061696	.147583
12	.083975	.231558
13	.103354	.334911
14	.115658	.450569
15	.118228	.568797
16	.110839	.679636
17	.095626	.775261
18	.076146	.851408
19	.056108	.907515
20	.038340	.945856
21	.024343	.970199
22	.014385	.984583
23	.007922	.992505
24	.004071	.996576
25	.001954	.998530
26	.000877	.999407
27	.000368	.999775
28	.000145	.999920
29	.000053	.999973
30	.000018	.999991
31	.000006	.999997
32	.000002	.999999
33	.000001	1.000000
34	.000000	1.000000

p=.26

x	Individual Term	Cumulative (x or less)
1	.000000	.000000
2	.000003	.000003
3	.000021	.000025
4	.000106	.000131
5	.000417	.000547
6	.001342	.001890
7	.003638	.005528
8	.008469	.013997
9	.017193	.031190
10	.030807	.061997
11	.049201	.111199
12	.070588	.181787
13	.091574	.273360
14	.108015	.381375
15	.116383	.497758
16	.115007	.612765
17	.104585	.717351
18	.087782	.805133
19	.066178	.873311
20	.049107	.922418
21	.032864	.955282
22	.020469	.975751
23	.011882	.987634
24	.006436	.994070
25	.003256	.997326
26	.001540	.998867
27	.000681	.999548
28	.000282	.999830
29	.000109	.999940
30	.000040	.999979
31	.000014	.999993
32	.000004	.999997
33	.000001	.999998
34	.000000	.999999

p=.27

x	Individual Term	Cumulative (x or less)
2	.000002	.000002
3	.000011	.000013
4	.000057	.000070
5	.000238	.000308
6	.000807	.001116
7	.002304	.003420
8	.005646	.009065
9	.012064	.021130
10	.022757	.043887
11	.038259	.082146
12	.057782	.139928
13	.078910	.218837
14	.097981	.316818
15	.111134	.427952
16	.115606	.543559
17	.110669	.654228
18	.097783	.752011
19	.079946	.831957
20	.060617	.892574
21	.042705	.935279
22	.028000	.963279
23	.017110	.980389
24	.009756	.990145
25	.005196	.995341
26	.002587	.997929
27	.001205	.999134
28	.000525	.999659
29	.000214	.999873
30	.000082	.999955
31	.000029	.999985
32	.000010	.999994
33	.000003	.999997
34	.000001	.999998
35	.000000	.999999

n=
60

50-100 BINOMIAL TABLES

p=.28			p=.29			p=.30		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000001	.000001	3	.000003	.000003	3	.000001	.000002
3	.000006	.000006	4	.000016	.000019	4	.000008	.000010
4	.000031	.000037						
5	.000134	.000171	5	.000074	.000093	5	.000040	.000050
6	.000477	.000648	6	.000277	.000370	6	.000158	.000208
7	.001431	.002078	7	.000872	.001241	7	.000521	.000729
8	.003686	.005764	8	.002358	.003600	8	.001479	.002208
9	.008282	.014047	9	.005566	.009166	9	.003663	.005871
10	.016426	.030473	10	.011594	.020760	10	.008007	.013878
11	.029037	.059510	11	.021525	.042285	11	.015597	.029475
12	.046109	.105619	12	.035901	.078186	12	.027295	.056771
13	.066208	.171826	13	.054143	.132329	13	.043193	.099963
14	.086438	.258264	14	.074242	.206572	14	.062145	.162108
15	.103085	.361349	15	.092995	.299566	15	.081676	.243784
16	.112749	.474098	16	.106829	.406396	16	.098449	.342233
17	.113486	.587585	17	.112936	.519332	17	.109204	.451436
18	.105430	.693015	18	.110197	.629529	18	.111804	.563240
19	.090633	.783648	19	.099496	.729025	19	.105919	.669159
20	.072255	.855902	20	.083310	.812335	20	.093058	.762217
21	.053522	.909424	21	.064815	.877150	21	.075965	.838183
22	.036898	.946322	22	.046931	.924081	22	.057714	.895897
23	.023707	.970029	23	.031671	.955752	23	.040866	.936762
24	.014213	.984242	24	.019943	.975695	24	.027001	.963763
25	.007959	.992202	25	.011730	.987424	25	.016663	.980426
26	.004167	.996368	26	.006449	.993874	26	.009613	.990040
27	.002041	.998409	27	.003317	.997191	27	.005188	.995228
28	.000935	.999344	28	.001597	.998788	28	.002621	.997848
29	.000401	.999745	29	.000720	.999508	29	.001239	.999088
30	.000161	.999907	30	.000304	.999811	30	.000549	.999637
31	.000061	.999967	31	.000120	.999932	31	.000228	.999864
32	.000021	.999989	32	.000044	.999976	32	.000088	.999953
33	.000007	.999996	33	.000015	.999991	33	.000032	.999985
34	.000002	.999998	34	.000005	.999996	34	.000011	.999996
35	.000001	.999999	35	.000002	.999998	35	.000003	.999999
36	.000000	.999999	36	.000000	.999998	36	.000001	1.000001
						37	.000000	1.000001

50-100 BINOMIAL TABLES

n=
60

p=.31		
x	Individual Term	Cumulative (x or less)
3	.000001	.000001
4	.000004	.000005
5	.000021	.000026
6	.000088	.000115
7	.000306	.000420
8	.000910	.001330
9	.002362	.003693
10	.005413	.009105
11	.011053	.020159
12	.020278	.040437
13	.033638	.074075
14	.050736	.124811
15	.069903	.194715
16	.088329	.283043
17	.102711	.385755
18	.110237	.495991
19	.109480	.605471
20	.100833	.706304
21	.086289	.792593
22	.068724	.861317
23	.051013	.912330
24	.035333	.947663
25	.022859	.970522
26	.013825	.984346
27	.007822	.992168
28	.004142	.996309
29	.002053	.998363
30	.000953	.999316
31	.000414	.999730
32	.000169	.999899
33	.000064	.999963
34	.000023	.999986
35	.000008	.999994
36	.000002	.999996
37	.000001	.999997
38	.000000	.999997

p=.32		
x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000002	.000002
5	.000011	.000014
6	.000049	.000062
7	.000176	.000238
8	.000549	.000788
9	.001493	.002281
10	.003583	.005864
11	.007665	.013529
12	.014728	.028257
13	.025591	.053849
14	.040430	.094279
15	.058346	.152625
16	.077223	.229848
17	.094057	.323905
18	.105738	.429643
19	.109993	.539636
20	.106111	.645747
21	.095114	.740861
22	.079346	.820207
23	.061691	.881898
24	.044756	.926654
25	.030329	.956983
26	.019213	.976196
27	.011385	.987582
28	.006315	.993896
29	.003279	.997175
30	.001594	.998770
31	.000726	.999496
32	.000310	.999806
33	.000124	.999929
34	.000046	.999975
35	.000016	.999992
36	.000005	.999997
37	.000002	.999999
38	.000000	.999999

p=.33		
x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000006	.000007
6	.000026	.000033
7	.000100	.000133
8	.000325	.000458
9	.000925	.001383
10	.002324	.003707
11	.005203	.008910
12	.010464	.019373
13	.019029	.038403
14	.031465	.069868
15	.047527	.117395
16	.065837	.183232
17	.083929	.267161
18	.098752	.365913
19	.107518	.473431
20	.108561	.581993
21	.101849	.683841
22	.088927	.772769
23	.072365	.845134
24	.054949	.900083
25	.038973	.939056
26	.025840	.964896
27	.016027	.980923
28	.009303	.990226
29	.005056	.995283
30	.002573	.997856
31	.001227	.999083
32	.000548	.999630
33	.000229	.999859
34	.000089	.999948
35	.000033	.999981
36	.000011	.999992
37	.000004	.999996
38	.000001	.999997
39	.000000	.999997

n=
60

50-100 BINOMIAL TABLES

p=.34			p=.35			p=.36		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
4	.000001	.000001	5	.000001	.000002	5	.000001	.000001
5	.000003	.000004	6	.000007	.000009	6	.000004	.000005
6	.000014	.000017	7	.000030	.000039	7	.000016	.000021
7	.000035	.000073	8	.000108	.000147	8	.000060	.000081
8	.000189	.000262	9	.000335	.000482	9	.000196	.000277
9	.000562	.000824	10	.000920	.001402	10	.000562	.000838
10	.001477	.002301	11	.002251	.003653	11	.001436	.002274
11	.003458	.005759	12	.004950	.008603	12	.003298	.005572
12	.007274	.013033	13	.009841	.018444	13	.006849	.012420
13	.013836	.026869	14	.017789	.036233	14	.012933	.025354
14	.023929	.050798	15	.029375	.065608	15	.022310	.047664
15	.037803	.088601	16	.044487	.110095	16	.035295	.082959
16	.054771	.143372	17	.062000	.172095	17	.051385	.134344
17	.073028	.216400	18	.079752	.251847	18	.069049	.203394
18	.089871	.306272	19	.094927	.346774	19	.089857	.289251
19	.102342	.408613	20	.104785	.451559	20	.099004	.388255
20	.108079	.516692	21	.107472	.559030	21	.106076	.494331
21	.106051	.622744	22	.102587	.661617	22	.105775	.600105
22	.096849	.719592	23	.091264	.752881	23	.098301	.698407
23	.082430	.802022	24	.075761	.828642	24	.085246	.783652
24	.065465	.867487	25	.058744	.887386	25	.069049	.852701
25	.048563	.916050	26	.042581	.929967	26	.052285	.904986
26	.033677	.949727	27	.028872	.958839	27	.037035	.942021
27	.021847	.971574	28	.018523	.977162	28	.024552	.966573
28	.013264	.984838	29	.010887	.988049	29	.015239	.981813
29	.007540	.992378	30	.006058	.994106	30	.008858	.990670
30	.004014	.996392	31	.003157	.997263	31	.004822	.995492
31	.002001	.998392	32	.001540	.998803	32	.002458	.997950
32	.000934	.999327	33	.000704	.999507	33	.001173	.999123
33	.000408	.999735	34	.000301	.999808	34	.000524	.999647
34	.000167	.999902	35	.000120	.999928	35	.000219	.999866
35	.000064	.999966	36	.000045	.999973	36	.000086	.999952
36	.000023	.999989	37	.000016	.999989	37	.000031	.999983
37	.000008	.999996	38	.000005	.999994	38	.000011	.999994
38	.000002	.999999	39	.000002	.999995	39	.000003	.999997
39	.000001	.999999	40	.000000	.999996	40	.000001	.999998
40	.000000	1.000000	41			41	.000000	.999998

50-100 BINOMIAL TABLES

n=
60

p=.37

x	Individual Term	Cumulative (x or less)
6	.000002	.000002
7	.000008	.000011
8	.000033	.000044
9	.000112	.000156
10	.000336	.000492
11	.000897	.001389
12	.002151	.003540
13	.004665	.008205
14	.009198	.017403
15	.016566	.033969
16	.027363	.061332
17	.041594	.102927
18	.058356	.161283
19	.075761	.237044
20	.091214	.328258
21	.102038	.430296
22	.106235	.536531
23	.103082	.639612
24	.093333	.732945
25	.078933	.811878
26	.062404	.874282
27	.046152	.920434
28	.031945	.952379
29	.020702	.973082
30	.012564	.985646
31	.007141	.992786
32	.003801	.996587
33	.001894	.998481
34	.000883	.999364
35	.000385	.999750
36	.000157	.999907
37	.000060	.999967
38	.000021	.999988
39	.000007	.999995
40	.000002	.999997
41	.000001	.999998
42	.000000	.999998

p=.38

x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000004	.000006
8	.000018	.000023
9	.000063	.000086
10	.000197	.000284
11	.000549	.000833
12	.001374	.002207
13	.003110	.005318
14	.006400	.011718
15	.012029	.023747
16	.020736	.044483
17	.032894	.077378
18	.048163	.125540
19	.065253	.190793
20	.081987	.272780
21	.095714	.368494
22	.103995	.472488
23	.105307	.577796
24	.099504	.677300
25	.087820	.765120
26	.072457	.837577
27	.055923	.893500
28	.040396	.933896
29	.027320	.961216
30	.017303	.978518
31	.010263	.988781
32	.005700	.994481
33	.002964	.997446
34	.001443	.998888
35	.000657	.999545
36	.000280	.999825
37	.000111	.999936
38	.000041	.999977
39	.000014	.999992
40	.000005	.999996
41	.000001	.999998
42	.000000	.999998

p=.39

x	Individual Term	Cumulative (x or less)
6	.000000	.000001
7	.000002	.000003
8	.000009	.000012
9	.000035	.000047
10	.000113	.000160
11	.000329	.000490
12	.000860	.001350
13	.002030	.003380
14	.004358	.007738
15	.008544	.016282
16	.015364	.031646
17	.025424	.057070
18	.038830	.095900
19	.054878	.150779
20	.071927	.222706
21	.087592	.310298
22	.099276	.409573
23	.104866	.514439
24	.103361	.617800
25	.095160	.712961
26	.081900	.794861
27	.065938	.860799
28	.049685	.910484
29	.035052	.945536
30	.023157	.968693
31	.014328	.983021
32	.008302	.991323
33	.004503	.995826
34	.002286	.998112
35	.001086	.999198
36	.000482	.999680
37	.000200	.999880
38	.000077	.999958
39	.000028	.999986
40	.000009	.999995
41	.000003	.999998
42	.000001	.999999
43	.000000	.999999

n=
60

50-100 BINOMIAL TABLES

p=.40			p=.41			p=.42		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
6	.000000	.000000	7	.000001	.000001	7	.000000	.000000
7	.000001	.000001	8	.000002	.000003	8	.000001	.000002
8	.000005	.000006	9	.000010	.000013	9	.000005	.000007
9	.000019	.000025	10	.000035	.000048	10	.000019	.000026
10	.000064	.000089	11	.000112	.000160	11	.000063	.000089
11	.000194	.000283	12	.000316	.000476	12	.000186	.000275
12	.000527	.000810	13	.000812	.001288	13	.000497	.000772
13	.001298	.002107	14	.001894	.003182	14	.001209	.001981
14	.002904	.005011	15	.004036	.007218	15	.002684	.004665
15	.005937	.010948	16	.007888	.015106	16	.005467	.010133
16	.011132	.022080	17	.014188	.029294	17	.010247	.020380
17	.019208	.041288	18	.023553	.052848	18	.017726	.038106
18	.030591	.071879	19	.036181	.089028	19	.028375	.066481
19	.045081	.116960	20	.051542	.140570	20	.042122	.108603
20	.061610	.178570	21	.068224	.208794	21	.058099	.166703
21	.078236	.256806	22	.084044	.292838	22	.074582	.241285
22	.092460	.349266	23	.096493	.389331	23	.089230	.330515
23	.101840	.451106	24	.103376	.492707	24	.099615	.430130
24	.104669	.555775	25	.103446	.596152	25	.103874	.534004
25	.100482	.656257	26	.096770	.692922	26	.101257	.635261
26	.090176	.746433	27	.084681	.777603	27	.092334	.727594
27	.075704	.822137	28	.069354	.846957	28	.078802	.806396
28	.059481	.881618	29	.053181	.900138	29	.062967	.869363
29	.043756	.925375	30	.038188	.938326	30	.047116	.916479
30	.030143	.955518	31	.025681	.964007	31	.033018	.949498
31	.019447	.974965	32	.016173	.980181	32	.021668	.971166
32	.011749	.986715	33	.009536	.989717	33	.013313	.984479
33	.006646	.993361	34	.005263	.994980	34	.007656	.992135
34	.003519	.996879	35	.002717	.997696	35	.004118	.996253
35	.001743	.998622	36	.001311	.999007	36	.002071	.998324
36	.000807	.999429	37	.000591	.999598	37	.000973	.999297
37	.000349	.999777	38	.000249	.999847	38	.000426	.999723
38	.000141	.999918	39	.000097	.999944	39	.000174	.999898
39	.000053	.999971	40	.000036	.999980	40	.000066	.999964
40	.000019	.999990	41	.000012	.999992	41	.000023	.999987
41	.000006	.999996	42	.000004	.999995	42	.000008	.999995
42	.000002	.999997	43	.000001	.999996	43	.000002	.999997
43	.000001	.999998	44	.000000	.999997	44	.000001	.999998
44	.000000	.999998				45	.000000	.999998

50-100 BINOMIAL TABLES

n=
60

p=.43

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000003	.000003
10	.000010	.000014
11	.000035	.000048
12	.000107	.000155
13	.000298	.000453
14	.000755	.001209
15	.001747	.002955
16	.003706	.006662
17	.007237	.013898
18	.013042	.026940
19	.021748	.048688
20	.033633	.082321
21	.048328	.130650
22	.064631	.195281
23	.080554	.275835
24	.093685	.369520
25	.101772	.471292
26	.103351	.574643
27	.098180	.672823
28	.087292	.760115
29	.072664	.832779
30	.056644	.889423
31	.041353	.930776
32	.028271	.959048
33	.018096	.977144
34	.010841	.987985
35	.006075	.994060
36	.003183	.997242
37	.001557	.998800
38	.000711	.999511
39	.000303	.999814
40	.000120	.999933
41	.000044	.999978
42	.000015	.999993
43	.000005	.999997
44	.000001	.999999
45	.000000	.999999

p=.44

x	Individual Term	Cumulative (x or less)
8	.000000	.000000
9	.000001	.000002
10	.000005	.000007
11	.000019	.000026
12	.000060	.000086
13	.000175	.000261
14	.000462	.000723
15	.001112	.001835
16	.002457	.004292
17	.004997	.009289
18	.009380	.018669
19	.016291	.034961
20	.026241	.061202
21	.039272	.100474
22	.054700	.155174
23	.071009	.226183
24	.086013	.312196
25	.097318	.409514
26	.102933	.512447
27	.101843	.614290
28	.094309	.708599
29	.081765	.790364
30	.066386	.856750
31	.050478	.907227
32	.035943	.943170
33	.023962	.967132
34	.014951	.982083
35	.008726	.990809
36	.004761	.995571
37	.002427	.997997
38	.001154	.999151
39	.000512	.999663
40	.000211	.999874
41	.000081	.999955
42	.000029	.999983
43	.000009	.999993
44	.000003	.999996
45	.000001	.999997
46	.000000	.999997

p=.45

x	Individual Term	Cumulative (x or less)
9	.000001	.000001
10	.000003	.000003
11	.000010	.000013
12	.000033	.000047
13	.000100	.000147
14	.000276	.000423
15	.000692	.001116
16	.001593	.002709
17	.003374	.006083
18	.006595	.012678
19	.011928	.024606
20	.020006	.044612
21	.031178	.075790
22	.045221	.121012
23	.061129	.182141
24	.077106	.259248
25	.090845	.350093
26	.100057	.450150
27	.103089	.553239
28	.099407	.652646
29	.089747	.742393
30	.075877	.818270
31	.060079	.878348
32	.044547	.922895
33	.030925	.953820
34	.020093	.973913
35	.012212	.986126
36	.006939	.993065
37	.003683	.996747
38	.001824	.998571
39	.000842	.999412
40	.000362	.999774
41	.000144	.999918
42	.000053	.999972
43	.000018	.999990
44	.000006	.999996
45	.000002	.999997
46	.000000	.999998

n=
50

50-100 BINOMIAL TABLES

p=.46			p=.47			p=.48		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
9	.000000	.000000	10	.000001	.000001	10	.000000	.000000
10	.000001	.000002	11	.000003	.000003	11	.000001	.000002
11	.000005	.000007	12	.000009	.000013	12	.000005	.000007
12	.000018	.000025	13	.000031	.000044	13	.000017	.000023
13	.000056	.000081	14	.000092	.000136	14	.000052	.000075
14	.000161	.000243	15	.000251	.000387	15	.000146	.000221
15	.000422	.000664	16	.000626	.001013	16	.000379	.000600
16	.001010	.001675	17	.001437	.002450	17	.000906	.001506
17	.002227	.003902	18	.003044	.005495	18	.001998	.003505
18	.004532	.008434	19	.005968	.011463	19	.004077	.007582
19	.008535	.016969	20	.010849	.022312	20	.007715	.015297
20	.014904	.031873	21	.018326	.040638	21	.013566	.028863
21	.024183	.056057	22	.028809	.069446	22	.022198	.051061
22	.036519	.092576	23	.042209	.111655	23	.033854	.084916
23	.051397	.143974	24	.057705	.169360	24	.048177	.133093
24	.067499	.211472	25	.073688	.243048	25	.064039	.197132
25	.082799	.294271	26	.087966	.331014	26	.079575	.276708
26	.094947	.389218	27	.098232	.429246	27	.092498	.369205
27	.101850	.491068	28	.102667	.531912	28	.100629	.469834
28	.102254	.593322	29	.100462	.632374	29	.102498	.572332
29	.096116	.689439	30	.092059	.724433	30	.097767	.670099
30	.084606	.774045	31	.079004	.803436	31	.087335	.757434
31	.069747	.843791	32	.063492	.866928	32	.073059	.830493
32	.053544	.897635	33	.047773	.914701	33	.057221	.887714
33	.038917	.936553	34	.033643	.948344	34	.041945	.929659
34	.026327	.962879	35	.022162	.970506	35	.028762	.958421
35	.016660	.979539	36	.013648	.984154	36	.018437	.976858
36	.009855	.989394	37	.007851	.992005	37	.011039	.987898
37	.005446	.994839	38	.004214	.996219	38	.006168	.994066
38	.002808	.997647	39	.002108	.998327	39	.003212	.997277
39	.001349	.998996	40	.000981	.999308	40	.001556	.998834
40	.000603	.999600	41	.000425	.999733	41	.000701	.999534
41	.000251	.999850	42	.000170	.999903	42	.000293	.999827
42	.000097	.999947	43	.000063	.999966	43	.000113	.999940
43	.000034	.999982	44	.000022	.999988	44	.000040	.999980
44	.000011	.999993	45	.000007	.999995	45	.000013	.999994
45	.000003	.999996	46	.000002	.999997	46	.000004	.999998
46	.000001	.999997	47	.000001	.999997	47	.000001	.999999
47	.000000	.999997	48	.000000	.999997	48	.000000	.999999

50-100 BINOMIAL TABLES

n=
60

p=.49

x	Individual Term	Cumulative (x or less)
11	.000001	.000001
12	.000002	.000003
13	.000009	.000012
14	.000028	.000040
15	.000083	.000123
16	.000224	.000348
17	.000558	.000906
18	.001281	.002187
19	.002721	.004908
20	.005360	.010268
21	.009808	.020076
22	.016706	.036782
23	.026519	.063301
24	.039279	.102580
25	.054344	.156925
26	.070287	.227212
27	.085038	.312250
28	.096293	.408544
29	.102088	.510632
30	.101354	.611986
31	.094238	.706224
32	.082054	.788278
33	.066891	.855169
34	.051037	.906206
35	.036426	.942632
36	.024304	.966936
37	.015146	.982082
38	.008808	.990890
39	.004774	.995664
40	.002408	.998072
41	.001129	.999201
42	.000491	.999691
43	.000197	.999888
44	.000073	.999962
45	.000025	.999987
46	.000008	.999994
47	.000002	.999997
48	.000001	.999997
49	.000000	.999997

p=.50

x	Individual Term	Cumulative (x or less)
11	.000000	.000000
12	.000001	.000002
13	.000004	.000006
14	.000015	.000021
15	.000046	.000067
16	.000130	.000197
17	.000336	.000533
18	.000802	.001335
19	.001774	.003109
20	.003636	.006745
21	.006925	.013670
22	.012277	.025947
23	.020284	.046231
24	.031271	.077501
25	.045030	.122531
26	.060617	.183147
27	.076332	.259480
28	.089963	.349443
29	.099269	.448712
30	.102578	.551290
31	.099269	.650559
32	.089963	.740522
33	.076332	.816854
34	.060617	.877471
35	.045030	.922501
36	.031271	.953771
37	.020284	.974055
38	.012277	.986332
39	.006925	.993257
40	.003636	.996893
41	.001774	.998666
42	.000802	.999469
43	.000336	.999805
44	.000130	.999934
45	.000046	.999981
46	.000015	.999996
47	.000004	1.000001
48	.000001	1.000002
49	.000000	1.000002

50-100 BINOMIAL TABLES

n=
65

p=.01			p=.02			p=.03		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.520340	.520340	0	.268965	.268965	0	.138090	.138090
1	.341638	.861978	1	.356790	.625754	1	.277604	.415694
2	.110428	.972406	2	.233006	.858760	2	.274742	.690436
3	.023424	.995831	3	.099859	.958619	3	.178441	.868877
4	.003667	.999498	4	.031588	.990207	4	.085541	.954418
5	.000452	.999950	5	.007865	.998072	5	.032276	.986694
6	.000046	.999996	6	.001605	.999677	6	.009982	.996677
7	.000004	1.000000	7	.000276	.999953	7	.002602	.999279
8	.000000	1.000000	8	.000041	.999994	8	.000583	.999863
			9	.000005	1.000000	9	.000114	.999977
			10	.000001	1.000001	10	.000020	.999997
			11	.000000	1.000001	11	.000003	1.000000
						12	.000000	1.000001

p=.04			p=.05			p=.06		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.070409	.070409	0	.035648	.035648	0	.017919	.017919
1	.190692	.261101	1	.121954	.157601	1	.074344	.092263
2	.254256	.515357	2	.205395	.362997	2	.151852	.244115
3	.222474	.737831	3	.227016	.590013	3	.203547	.447662
4	.143681	.881512	4	.185197	.775210	4	.201381	.649043
5	.073038	.954550	5	.118916	.894126	5	.156820	.805863
6	.030432	.984982	6	.062587	.956713	6	.100098	.905961
7	.010688	.995670	7	.027764	.984478	7	.053852	.959813
8	.003229	.998898	8	.010594	.995072	8	.024921	.984734
9	.000852	.999750	9	.003531	.998604	9	.010074	.994808
10	.000199	.999949	10	.001041	.999644	10	.003601	.998410
11	.000041	.999990	11	.000274	.999918	11	.001149	.999559
12	.000008	.999998	12	.000065	.999983	12	.000350	.999889
13	.000001	.999999	13	.000014	.999997	13	.000086	.999975
14	.000000	1.000000	14	.000003	1.000000	14	.000020	.999995
			15	.000000	1.000001	15	.000004	1.000000
						16	.000001	1.000001
						17	.000000	1.000001

50-100 BINOMIAL TABLES

n=
65

p=.07

x	Individual Term	Cumulative (x or less)
0	.008941	.008941
1	.043744	.052685
2	.105362	.158048
3	.166540	.324588
4	.194297	.518885
5	.178419	.697304
6	.134294	.831598
7	.085197	.916795
8	.046492	.963287
9	.022163	.985450
10	.009342	.994792
11	.003516	.998307
12	.001191	.999498
13	.000365	.999864
14	.000102	.999966
15	.000026	.999992
16	.000006	.999998
17	.000001	.999999
18	.000000	1.000000

p=.08

x	Individual Term	Cumulative (x or less)
0	.004428	.004428
1	.025028	.029456
2	.069643	.099099
3	.127174	.226273
4	.171408	.397681
5	.181842	.579523
6	.158123	.737646
7	.115892	.853538
8	.073062	.926600
9	.040237	.966837
10	.019594	.986430
11	.008519	.994949
12	.003334	.998283
13	.001182	.999465
14	.000382	.999846
15	.000113	.999959
16	.000031	.999990
17	.000008	.999998
18	.000002	.999999
19	.000000	1.000000

p=.09

x	Individual Term	Cumulative (x or less)
0	.002176	.002176
1	.013990	.016166
2	.044275	.060440
3	.091955	.152396
4	.140964	.293360
5	.170087	.463447
6	.168217	.631664
7	.140225	.771889
8	.100546	.872435
9	.062979	.935415
10	.034881	.970296
11	.017249	.987544
12	.007677	.995221
13	.003095	.998316
14	.001137	.999453
15	.000382	.999836
16	.000118	.999954
17	.000034	.999988
18	.000009	.999997
19	.000002	.999999
20	.000000	.999999

p=.10

x	Individual Term	Cumulative (x or less)
0	.001061	.001061
1	.007664	.008725
2	.027248	.035973
3	.063580	.099553
4	.109498	.209051
5	.148431	.357482
6	.164923	.522405
7	.154452	.676857
8	.124420	.801277
9	.087555	.888831
10	.054478	.943310
11	.030266	.973575
12	.015133	.988708
13	.006855	.995563
14	.002829	.998392
15	.001069	.999461
16	.000371	.999832
17	.000119	.999951
18	.000035	.999986
19	.000010	.999996
20	.000002	.999999
21	.000001	.999999
22	.000000	.999999

p=.11

x	Individual Term	Cumulative (x or less)
0	.000513	.000513
1	.004124	.004637
2	.016309	.020945
3	.042329	.063275
4	.081092	.144366
5	.122275	.266641
6	.151126	.417768
7	.157433	.575201
8	.141071	.716272
9	.110426	.826698
10	.076430	.903128
11	.047232	.950360
12	.026269	.976629
13	.013237	.989866
14	.006077	.995942
15	.002554	.998496
16	.000986	.999482
17	.000351	.999834
18	.000116	.999950
19	.000035	.999985
20	.000010	.999995
21	.000003	.999998
22	.000001	.999998
23	.000000	.999999

p=.12

x	Individual Term	Cumulative (x or less)
0	.000246	.000246
1	.002183	.002429
2	.009524	.011953
3	.027274	.039227
4	.057648	.096875
5	.095905	.192780
6	.130779	.323559
7	.150311	.473870
8	.148603	.622473
9	.128339	.750812
10	.098004	.848817
11	.066821	.915638
12	.041004	.956642
13	.022796	.979438
14	.011546	.990984
15	.005353	.996337
16	.002281	.998618
17	.000897	.999515
18	.000326	.999841
19	.000110	.999951
20	.000034	.999985
21	.000010	.999995
22	.000003	.999998
23	.000001	.999999
24	.000000	.999999

n=
65

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000117	.000117	0	.000055	.000055	0	.000026	.000026
1	.001138	.001255	1	.000585	.000640	1	.000296	.000322
2	.005441	.006696	2	.003046	.003686	2	.001674	.001996
3	.017073	.023769	3	.010413	.014099	3	.006202	.008198
4	.039542	.063311	4	.026274	.040373	4	.016964	.025162
5	.072085	.135396	5	.052182	.092555	5	.036523	.061685
6	.107714	.243110	6	.084948	.177503	6	.064452	.126137
7	.135659	.378768	7	.116556	.294059	7	.095866	.222003
8	.146964	.525732	8	.137563	.431622	8	.122652	.344655
9	.139080	.664812	9	.141829	.573451	9	.137082	.481737
10	.116380	.781192	10	.129295	.702746	10	.135469	.617206
11	.086950	.868143	11	.105240	.807986	11	.119531	.736737
12	.058467	.926609	12	.077094	.885080	12	.094922	.831659
13	.035618	.962227	13	.051166	.936247	13	.068292	.899951
14	.019768	.981995	14	.030938	.967185	14	.044763	.944714
15	.010043	.992038	15	.017124	.984309	15	.026858	.971572
16	.004690	.996728	16	.008711	.993020	16	.014811	.986383
17	.002020	.998748	17	.004087	.997107	17	.007534	.993917
18	.000805	.999553	18	.001774	.998882	18	.003545	.997463
19	.000297	.999850	19	.000715	.999596	19	.001548	.999010
20	.000102	.999952	20	.000268	.999864	20	.000628	.999638
21	.000033	.999985	21	.000093	.999957	21	.000238	.999876
22	.000010	.999995	22	.000030	.999987	22	.000084	.999960
23	.000003	.999997	23	.000009	.999997	23	.000028	.999987
24	.000001	.999998	24	.000003	.999999	24	.000009	.999996
25	.000000	.999998	25	.000001	1.000000	25	.000002	.999998
			26	.000000	1.000001	26	.000001	.999999
						27	.000000	.999999

50-100 BINOMIAL TABLES

n=
65

p=.16

x	Individual Term	Cumulative (x or less)
0	.000012	.000012
1	.000148	.000160
2	.000903	.001064
3	.003614	.004677
4	.010669	.015347
5	.024793	.040140
6	.047225	.087365
7	.075817	.163182
8	.104700	.267881
9	.126304	.394185
10	.134724	.528910
11	.128309	.657219
12	.109979	.767198
13	.083405	.852603
14	.060423	.913025
15	.039131	.952156
16	.023292	.975448
17	.012788	.988236
18	.006495	.994731
19	.003060	.997792
20	.001341	.999133
21	.000547	.999680
22	.000208	.999889
23	.000074	.999963
24	.000025	.999987
25	.000008	.999995
26	.000002	.999997
27	.000001	.999998
28	.000000	.999998

p=.17

x	Individual Term	Cumulative (x or less)
0	.000005	.000005
1	.000073	.000079
2	.000480	.000558
3	.002063	.002621
4	.006549	.009170
5	.016365	.025535
6	.033518	.059052
7	.057863	.116915
8	.085923	.202838
9	.111458	.314296
10	.127841	.442137
11	.130922	.573059
12	.120669	.693727
13	.100762	.794490
14	.076656	.871145
15	.053382	.924527
16	.034168	.958695
17	.020171	.978866
18	.011017	.989883
19	.005582	.995465
20	.002630	.998095
21	.001154	.999249
22	.000473	.999722
23	.000181	.999903
24	.000065	.999967
25	.000022	.999989
26	.000007	.999996
27	.000002	.999998
28	.000001	.999999
29	.000000	.999999

p=.18

x	Individual Term	Cumulative (x or less)
0	.000002	.000002
1	.000036	.000038
2	.000251	.000289
3	.001155	.001444
4	.003930	.005373
5	.010524	.015897
6	.023101	.038998
7	.042740	.081738
8	.068020	.149758
9	.094564	.244322
10	.116245	.360567
11	.127586	.488152
12	.126030	.614182
13	.112788	.726970
14	.091960	.818930
15	.068633	.887563
16	.047081	.934644
17	.029789	.964432
18	.017437	.981870
19	.009468	.991338
20	.004780	.996119
21	.002249	.998367
22	.000987	.999354
23	.000405	.999759
24	.000156	.999915
25	.000056	.999971
26	.000019	.999990
27	.000006	.999996
28	.000002	.999998
29	.000001	.999998
30	.000000	.999998

n=
35

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000001	.000001	0	.000001	.000001	1	.000004	.000004
1	.000017	.000018	1	.000008	.000009	2	.000033	.000037
2	.000129	.000147	2	.000065	.000074	3	.000182	.000219
3	.000635	.000782	3	.000343	.000417	4	.000749	.000968
4	.002308	.003090	4	.001328	.001745			
5	.006605	.009694	5	.004051	.005795	5	.002431	.003398
6	.015492	.025186	6	.010127	.015922	6	.006461	.009859
7	.030629	.055816	7	.021338	.037260	7	.014476	.024335
8	.052088	.107904	8	.038675	.075936	8	.027897	.052232
9	.077382	.185286	9	.061236	.137172	9	.046967	.099199
10	.101648	.286934	10	.085731	.222902	10	.069915	.169114
11	.119216	.406150	11	.107163	.330066	11	.092925	.262039
12	.125840	.531990	12	.120559	.450624	12	.111157	.373195
13	.120342	.652332	13	.122877	.573501	13	.120465	.493660
14	.104848	.757180	14	.114100	.687601	14	.118940	.612601
15	.083620	.840800	15	.096985	.784586	15	.107498	.720098
16	.061295	.902096	16	.075770	.860356	16	.089298	.809396
17	.041442	.943538	17	.054599	.914955	17	.068420	.877816
18	.025923	.969461	18	.036399	.951354	18	.048500	.926316
19	.015042	.984502	19	.022510	.973864	19	.031892	.958208
20	.008115	.992617	20	.012943	.986807	20	.019498	.977706
21	.004079	.996696	21	.006934	.993741	21	.011107	.988813
22	.001914	.998610	22	.003467	.997208	22	.005905	.994718
23	.000839	.999449	23	.001620	.998828	23	.002935	.997652
24	.000344	.999793	24	.000709	.999537	24	.001365	.999017
25	.000133	.999926	25	.000291	.999828	25	.000595	.999612
26	.000048	.999974	26	.000112	.999940	26	.000243	.999856
27	.000016	.999990	27	.000040	.999980	27	.000093	.999949
28	.000005	.999995	28	.000014	.999994	28	.000034	.999983
29	.000002	.999997	29	.000004	.999998	29	.000011	.999994
30	.000000	.999997	30	.000001	.999999	30	.000004	.999998
			31	.000000	1.000000	31	.000001	.999999
						32	.000000	.999999

50-100 BINOMIAL TABLES

n=
65

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000002	.000002	1	.000001	.000001	1	.000000	.000000
2	.000016	.000018	2	.000008	.000009	2	.000004	.000004
3	.000095	.000113	3	.000049	.000057	3	.000025	.000029
4	.000415	.000528	4	.000226	.000283	4	.000121	.000149
5	.001428	.001956	5	.000822	.001105	5	.000464	.000614
6	.004028	.005984	6	.002456	.003562	6	.001466	.002080
7	.009576	.015560	7	.006184	.009746	7	.003903	.005983
8	.019581	.035141	8	.013392	.023138	8	.008936	.014919
9	.034978	.070119	9	.025336	.048474	9	.017871	.032790
10	.055248	.125367	10	.042379	.090853	10	.031604	.064394
11	.077914	.203281	11	.063294	.154147	11	.049902	.114296
12	.098891	.302172	12	.085077	.239224	12	.070913	.185209
13	.113714	.415886	13	.103605	.342829	13	.091296	.276505
14	.119129	.535016	14	.114946	.457775	14	.107085	.383590
15	.114242	.649257	15	.116737	.574512	15	.114975	.498565
16	.100694	.749951	16	.108967	.683479	16	.113462	.612027
17	.081861	.831813	17	.093817	.777296	17	.103275	.715302
18	.061571	.893384	18	.074729	.852024	18	.086969	.802271
19	.042958	.936342	19	.055216	.907241	19	.067937	.870208
20	.027868	.964210	20	.037934	.945175	20	.049343	.919551
21	.016843	.981053	21	.024281	.969456	21	.033390	.952941
22	.009501	.990554	22	.014505	.983961	22	.021089	.974030
23	.005010	.995565	23	.008100	.992062	23	.012450	.986480
24	.002473	.998038	24	.004234	.996296	24	.006881	.993361
25	.001144	.999182	25	.002074	.998370	25	.003563	.996924
26	.000496	.999678	26	.000953	.999323	26	.001731	.998656
27	.000202	.999880	27	.000411	.999735	27	.000790	.999445
28	.000077	.999958	28	.000167	.999901	28	.000338	.999784
29	.000028	.999985	29	.000064	.999965	29	.000136	.999920
30	.000009	.999995	30	.000023	.999988	30	.000052	.999972
31	.000003	.999998	31	.000008	.999995	31	.000018	.999990
32	.000001	.999999	32	.000002	.999998	32	.000006	.999996
33	.000000	.999999	33	.000001	.999999	33	.000002	.999998
			34	.000000	.999999	34	.000001	.999999
						35	.000000	.999999

n=65

50-100 BINOMIAL TABLES

p=.25		
x	Individual Term	Cumulative (x or less)
2	.000002	.000002
3	.000012	.000014
4	.000063	.000077
5	.000257	.000335
6	.000857	.001192
7	.002409	.003601
8	.005822	.009423
9	.012291	.021714
10	.022943	.044658
11	.038239	.082897
12	.057358	.140255
13	.077948	.218203
14	.096508	.314711
15	.109375	.424086
16	.113933	.538018
17	.109465	.647483
18	.097302	.744785
19	.080231	.825016
20	.061511	.886527
21	.043936	.930463
22	.029291	.959754
23	.018254	.978008
24	.010648	.988656
25	.005821	.994477
26	.002985	.997462
27	.001437	.998899
28	.000650	.999549
29	.000277	.999826
30	.000111	.999936
31	.000042	.999978
32	.000015	.999993
33	.000005	.999998
34	.000002	.999999
35	.000000	1.000000

p=.26		
x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000006	.000007
4	.000033	.000040
5	.000140	.000179
6	.000491	.000671
7	.001455	.002126
8	.003707	.005834
9	.008250	.014083
10	.016232	.030315
11	.028515	.058830
12	.045085	.103915
13	.064581	.168496
14	.084279	.252775
15	.100680	.353455
16	.110543	.463998
17	.111949	.575948
18	.104890	.680837
19	.091163	.772000
20	.073669	.845669
21	.055465	.901135
22	.038976	.940110
23	.025602	.965712
24	.015742	.981454
25	.009071	.990525
26	.004903	.995428
27	.002488	.997917
28	.001187	.999103
29	.000532	.999635
30	.000224	.999859
31	.000089	.999948
32	.000033	.999981
33	.000012	.999993
34	.000004	.999997
35	.000001	.999998
36	.000000	.999999

p=.27		
x	Individual Term	Cumulative (x or less)
3	.000003	.000003
4	.000017	.000020
5	.000075	.000095
6	.000276	.000371
7	.000861	.001232
8	.002309	.003540
9	.005408	.008949
10	.011202	.020150
11	.020715	.040866
12	.034478	.075344
13	.051990	.127334
14	.071423	.198756
15	.089816	.288573
16	.103812	.392384
17	.110671	.503055
18	.109155	.612211
19	.099869	.712079
20	.084957	.797036
21	.067334	.864369
22	.049808	.914178
23	.034442	.948620
24	.022293	.970912
25	.013522	.984435
26	.007694	.992129
27	.004111	.996240
28	.002063	.998303
29	.000974	.999277
30	.000432	.999709
31	.000180	.999889
32	.000071	.999960
33	.000026	.999987
34	.000009	.999996
35	.000003	.999999
36	.000001	1.000000

50-100 BINOMIAL TABLES

n=
65

p=.28		
x	Individual Term	Cumulative (x or less)
3	.000001	.000002
4	.000008	.000010
5	.000039	.000049
6	.000152	.000201
7	.000499	.000700
8	.001407	.002107
9	.003465	.005572
10	.007547	.013119
11	.014674	.027793
12	.025680	.053473
13	.040714	.094187
14	.058809	.152996
15	.077759	.230755
16	.094499	.325254
17	.105925	.431180
18	.109848	.541028
19	.105673	.646701
20	.094519	.741220
21	.078765	.819985
22	.061262	.881247
23	.044541	.925788
24	.030312	.956100
25	.019333	.975433
26	.011567	.986999
27	.006497	.993496
28	.003429	.996926
29	.001701	.998627
30	.000794	.999421
31	.000349	.999770
32	.000144	.999914
33	.000056	.999970
34	.000021	.999990
35	.000007	.999997
36	.000002	.999999
37	.000001	1.000000

p=.29		
x	Individual Term	Cumulative (x or less)
3	.000001	.000001
4	.000004	.000005
5	.000020	.000025
6	.000082	.000107
7	.000283	.000391
8	.000839	.001230
9	.002171	.003402
10	.004967	.008368
11	.010143	.018512
12	.018644	.037156
13	.031046	.068202
14	.047100	.115303
15	.065410	.180712
16	.083490	.264202
17	.098292	.362495
18	.107060	.469555
19	.108171	.577726
20	.101620	.679346
21	.088943	.768289
22	.072658	.840947
23	.055483	.896430
24	.039659	.936089
25	.026566	.962654
26	.016694	.979348
27	.009849	.989197
28	.005460	.994656
29	.002845	.997502
30	.001395	.998896
31	.000643	.999539
32	.000279	.999818
33	.000114	.999932
34	.000044	.999976
35	.000016	.999992
36	.000005	.999997
37	.000002	.999999
38	.000001	1.000000
39	.000000	1.000000

p=.30		
x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000002	.000002
5	.000010	.000012
6	.000044	.000056
7	.000158	.000214
8	.000490	.000705
9	.001331	.002036
10	.003195	.005231
11	.006847	.012078
12	.013204	.025282
13	.023071	.048354
14	.036726	.085080
15	.053515	.138595
16	.071672	.210267
17	.088536	.298802
18	.101184	.399986
19	.107270	.507256
20	.105738	.612994
21	.097106	.710100
22	.083234	.793334
23	.066690	.860024
24	.050018	.910042
25	.035155	.945198
26	.023179	.968377
27	.014349	.982726
28	.008346	.991072
29	.004564	.995635
30	.002347	.997982
31	.001136	.999118
32	.000517	.999635
33	.000222	.999857
34	.000089	.999946
35	.000034	.999980
36	.000012	.999992
37	.000004	.999996
38	.000001	.999998
39	.000000	.999998

n=
65

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
4	.000001	.000001	4	.000000	.000000	5	.000001	.000001
5	.000005	.000006	5	.000002	.000003	6	.000006	.000007
6	.000023	.000029	6	.000012	.000015	7	.000024	.000031
7	.000086	.000115	7	.000046	.000061	8	.000087	.000118
8	.000281	.000396	8	.000157	.000218	9	.000270	.000388
9	.000799	.001195	9	.000469	.000688	10	.000745	.001133
10	.002010	.003205	10	.001237	.001925	11	.001835	.002968
11	.004515	.007720	11	.002911	.004835	12	.004066	.007034
12	.009129	.016849	12	.006164	.010999	13	.008165	.015199
13	.016721	.033570	13	.011825	.022824	14	.014938	.030137
14	.027903	.061472	14	.020670	.043494	15	.025015	.055152
15	.042622	.104094	15	.033071	.076565	16	.038503	.093655
16	.059841	.163935	16	.048634	.125199	17	.054661	.148317
17	.077492	.241427	17	.065967	.191167	18	.071794	.220111
18	.092841	.334268	18	.082783	.273949	19	.087472	.307583
19	.103180	.437448	19	.096366	.370315	20	.099092	.406675
20	.106619	.544067	20	.104302	.474618	21	.104585	.511260
21	.102646	.646713	21	.105179	.579796	22	.103024	.614284
22	.092232	.738945	22	.098992	.678788	23	.094868	.709152
23	.077471	.816416	23	.087092	.765880	24	.081770	.790922
24	.060910	.877326	24	.071723	.837603	25	.066051	.856973
25	.044879	.922205	25	.055353	.892956	26	.050050	.907023
26	.031020	.953225	26	.040075	.933031	27	.035608	.942631
27	.020131	.973356	27	.027240	.960271	28	.023802	.966433
28	.012274	.985630	28	.017397	.977669	29	.014957	.981390
29	.007036	.992666	29	.010445	.988114	30	.008840	.990231
30	.003793	.996459	30	.005899	.994013	31	.004916	.995147
31	.001924	.998383	31	.003134	.997147	32	.002573	.997720
32	.000918	.999302	32	.001567	.998714	33	.001267	.998987
33	.000413	.999714	33	.000737	.999451	34	.000587	.999574
34	.000174	.999889	34	.000327	.999778	35	.000256	.999830
35	.000069	.999958	35	.000136	.999914	36	.000105	.999936
36	.000026	.999984	36	.000053	.999967	37	.000041	.999976
37	.000009	.999993	37	.000020	.999987	38	.000015	.999991
38	.000003	.999996	38	.000007	.999994	39	.000005	.999996
39	.000001	.999997	39	.000002	.999996	40	.000002	.999997
40	.000000	.999997	40	.000001	.999997	41	.000000	.999998
41	.000000	.999998	41	.000000	.999997			

50-100 BINOMIAL TABLES

n=
65

p=.34

x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000003	.000004
7	.000012	.000016
8	.000047	.000063
9	.000152	.000215
10	.000439	.000654
11	.001131	.001785
12	.002622	.004407
13	.005507	.009914
14	.010537	.020451
15	.018456	.038907
16	.029711	.068618
17	.044117	.112735
18	.060605	.173340
19	.077230	.250569
20	.091506	.342075
21	.101013	.443087
22	.104074	.547161
23	.100234	.647395
24	.090363	.737758
25	.076343	.814100
26	.060505	.874605
27	.045022	.919627
28	.031476	.951103
29	.020688	.971792
30	.012789	.984581
31	.007438	.992019
32	.004071	.996091
33	.002097	.998188
34	.001017	.999205
35	.000464	.999669
36	.000199	.999868
37	.000080	.999949
38	.000031	.999979
39	.000011	.999990
40	.000004	.999994
41	.000001	.999995
42	.000000	.999995

p=.35

x	Individual Term	Cumulative (x or less)
6	.000001	.000002
7	.000006	.000008
8	.000025	.000033
9	.000084	.000117
10	.000253	.000370
11	.000682	.001052
12	.001653	.002705
13	.003629	.006334
14	.007258	.013592
15	.013288	.026880
16	.022359	.049239
17	.034702	.083940
18	.049828	.133768
19	.066370	.200139
20	.082197	.282336
21	.094843	.377178
22	.102138	.479317
23	.102822	.582138
24	.096889	.679028
25	.085561	.764589
26	.070879	.835467
27	.055128	.890595
28	.040286	.930881
29	.027676	.958558
30	.017883	.976441
31	.010872	.987313
32	.006220	.993533
33	.003349	.996882
34	.001697	.998580
35	.000810	.999389
36	.000363	.999752
37	.000153	.999906
38	.000061	.999966
39	.000023	.999989
40	.000008	.999997
41	.000003	1.000000
42	.000001	1.000001
43	.000000	1.000001

p=.36

x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000003	.000004
8	.000013	.000017
9	.000045	.000062
10	.000143	.000205
11	.000403	.000608
12	.001019	.001627
13	.002337	.003964
14	.004883	.008847
15	.009339	.018186
16	.016416	.034602
17	.026615	.061217
18	.039923	.101141
19	.055551	.156692
20	.071869	.228561
21	.086628	.315189
22	.097456	.412645
23	.102488	.515133
24	.100887	.616020
25	.093068	.709087
26	.080540	.789627
27	.065438	.855065
28	.049955	.905020
29	.035851	.940872
30	.024200	.965072
31	.015369	.980440
32	.009185	.989626
33	.005167	.994792
34	.002735	.997528
35	.001363	.998890
36	.000639	.999529
37	.000282	.999811
38	.000117	.999927
39	.000045	.999973
40	.000017	.999990
41	.000006	.999995
42	.000002	.999997
43	.000001	.999998
44	.000000	.999998

n=
55

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
7	.000002	.000002	7	.000001	.000001	8	.000002	.000002
8	.000006	.000008	8	.000003	.000004	9	.000006	.000008
9	.000024	.000032	9	.000012	.000017			
10	.000079	.000112	10	.000043	.000059	10	.000023	.000031
11	.000233	.000344	11	.000131	.000191	11	.000073	.000104
12	.000615	.000959	12	.000362	.000553	12	.000209	.000313
13	.001471	.002430	13	.000906	.001459	13	.000545	.000858
14	.003210	.005640	14	.002062	.003521	14	.001294	.002152
15	.006409	.012049	15	.004296	.007817	15	.002813	.004965
16	.011763	.023812	16	.008229	.016046	16	.005621	.010586
17	.019913	.043725	17	.014537	.030583	17	.010358	.020944
18	.031186	.074911	18	.023759	.054342	18	.017660	.038604
19	.045307	.120218	19	.036022	.090365	19	.027930	.066534
20	.061200	.181418	20	.050780	.141144	20	.041070	.107604
21	.077021	.258438	21	.066692	.207837	21	.056267	.163872
22	.090469	.348907	22	.081752	.289589	22	.071948	.235820
23	.099334	.448241	23	.093676	.383265	23	.086000	.321820
24	.102094	.550335	24	.100476	.483741	24	.096221	.418040
25	.098334	.648669	25	.100994	.584735	25	.100890	.518930
26	.088849	.737518	26	.095230	.679965	26	.099236	.618167
27	.075373	.812891	27	.084308	.764273	27	.091644	.709811
28	.060076	.872967	28	.070127	.834400	28	.079518	.789329
29	.045016	.917982	29	.054838	.889238	29	.064864	.854193
30	.031725	.949708	30	.040332	.929570	30	.049765	.903957
31	.021037	.970744	31	.027909	.957479	31	.035922	.939879
32	.013127	.983871	32	.018175	.975654	32	.024402	.964281
33	.007710	.991581	33	.011139	.986794	33	.015601	.979882
34	.004261	.995842	34	.006426	.993220	34	.009388	.989270
35	.002217	.998059	35	.003488	.996708	35	.005316	.994586
36	.001085	.999144	36	.001782	.998490	36	.002832	.997419
37	.000499	.999643	37	.000856	.999346	37	.001419	.998838
38	.000216	.999859	38	.000387	.999732	38	.000669	.999507
39	.000088	.999947	39	.000164	.999896	39	.000296	.999803
40	.000034	.999981	40	.000065	.999961	40	.000123	.999926
41	.000012	.999993	41	.000024	.999986	41	.000048	.999973
42	.000004	.999997	42	.000009	.999994	42	.000018	.999991
43	.000001	.999998	43	.000003	.999997	43	.000006	.999997
44	.000000	.999999	44	.000001	.999998	44	.000002	.999999
			45	.000000	.999998	45	.000001	.999999
						46	.000000	1.000000

50-100 BINOMIAL TABLES

n=
65

p=.40		
x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000003	.000004
10	.000012	.000016
11	.000039	.000055
12	.000118	.000173
13	.000321	.000494
14	.000794	.001288
15	.001800	.003088
16	.003750	.006837
17	.007205	.014042
18	.012809	.026851
19	.021123	.047974
20	.032389	.080363
21	.046270	.126634
22	.061693	.188327
23	.076893	.265220
24	.089709	.354929
25	.098082	.453011
26	.100597	.553608
27	.096871	.650478
28	.087645	.738123
29	.074549	.812672
30	.059639	.872311
31	.044889	.917200
32	.031797	.948997
33	.021198	.970195
34	.013301	.983495
35	.007854	.991349
36	.004363	.995712
37	.002280	.997992
38	.001120	.999112
39	.000517	.999629
40	.000224	.999853
41	.000091	.999944
42	.000035	.999979
43	.000012	.999991
44	.000004	.999995
45	.000001	.999997
46	.000000	.999997

p=.41		
x	Individual Term	Cumulative (x or less)
9	.000002	.000002
10	.000006	.000008
11	.000021	.000029
12	.000065	.000094
13	.000184	.000278
14	.000476	.000754
15	.001125	.001879
16	.002443	.004322
17	.004893	.009215
18	.009067	.018282
19	.015587	.033869
20	.024912	.058781
21	.037097	.095878
22	.051558	.147436
23	.066984	.214420
24	.081459	.295879
25	.092836	.388715
26	.099251	.487966
27	.099625	.587590
28	.093956	.681546
29	.083303	.764849
30	.069466	.834315
31	.054502	.888817
32	.040241	.929058
33	.027964	.957023
34	.018290	.975312
35	.011257	.986570
36	.006519	.993089
37	.003551	.996639
38	.001818	.998457
39	.000875	.999332
40	.000395	.999727
41	.000167	.999895
42	.000066	.999961
43	.000025	.999986
44	.000009	.999994
45	.000003	.999997
46	.000001	.999998
47	.000000	.999998

p=.42		
x	Individual Term	Cumulative (x or less)
9	.000001	.000001
10	.000003	.000004
11	.000011	.000015
12	.000035	.000050
13	.000104	.000154
14	.000279	.000433
15	.000687	.001119
16	.001554	.002674
17	.003244	.005918
18	.006265	.012183
19	.011223	.023406
20	.018691	.042097
21	.029004	.071101
22	.042005	.113106
23	.056868	.169974
24	.072065	.242039
25	.085584	.327623
26	.095345	.422968
27	.099729	.522697
28	.098009	.620706
29	.090551	.711237
30	.078686	.789943
31	.064331	.854274
32	.049496	.903771
33	.035842	.939613
34	.024428	.964041
35	.015668	.979708
36	.009435	.989163
37	.005366	.994529
38	.002863	.997392
39	.001435	.998828
40	.000676	.999503
41	.000298	.999802
42	.000123	.999925
43	.000048	.999973
44	.000017	.999990
45	.000006	.999996
46	.000002	.999998
47	.000001	.999998
48	.000000	.999998

n=
55

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
10	.000001	.000002	10	.000001	.000001	11	.000001	.000002
11	.000005	.000007	11	.000003	.000004	12	.000005	.000007
12	.000019	.000026	12	.000010	.000013	13	.000016	.000023
13	.000057	.000083	13	.000031	.000044	14	.000049	.000071
14	.000160	.000243	14	.000089	.000133	15	.000136	.000207
15	.000410	.000652	15	.000239	.000372	16	.000347	.000555
16	.000966	.001618	16	.000586	.000958	17	.000819	.001374
17	.002100	.003719	17	.001328	.002286	18	.001787	.003161
18	.004225	.007944	18	.002782	.005067	19	.003617	.006778
19	.007885	.015829	19	.005406	.010474	20	.006807	.013586
20	.013681	.029511	20	.009770	.020244	21	.011935	.025520
21	.022117	.051627	21	.016450	.036694	22	.019529	.045050
22	.033369	.084996	22	.025850	.062544	23	.029873	.074922
23	.047063	.132059	23	.037972	.100516	24	.042773	.117695
24	.062131	.194189	24	.052212	.152728	25	.057393	.175088
25	.076868	.271057	25	.067279	.220007	26	.072243	.247331
26	.089212	.360269	26	.081326	.301333	27	.085378	.332709
27	.097212	.457481	27	.092298	.393631	28	.094803	.427512
28	.099526	.557007	28	.098420	.492051	29	.098964	.526476
29	.099793	.652800	29	.098662	.590713	30	.097164	.623640
30	.086718	.739518	30	.093025	.683738	31	.089756	.713396
31	.073860	.813378	31	.082522	.766260	32	.078026	.791422
32	.059201	.872580	32	.068891	.835150	33	.063840	.855262
33	.044661	.917240	33	.054129	.889279	34	.049160	.904422
34	.031710	.948950	34	.040028	.929307	35	.035625	.940047
35	.021187	.970137	35	.027856	.957163	36	.024290	.964337
36	.013320	.983457	36	.018239	.975402	37	.015577	.979913
37	.007876	.991333	37	.011232	.986634	38	.009391	.989304
38	.004378	.995710	38	.006503	.993137	39	.005319	.994623
39	.002286	.997997	39	.003537	.996675	40	.002829	.997452
40	.001121	.999118	40	.001807	.998481	41	.001411	.998863
41	.000516	.999633	41	.000865	.999347	42	.000660	.999523
42	.000222	.999856	42	.000389	.999735	43	.000289	.999812
43	.000090	.999945	43	.000163	.999898	44	.000118	.999930
44	.000034	.999979	44	.000064	.999963	45	.000045	.999975
45	.000012	.999991	45	.000024	.999986	46	.000016	.999991
46	.000004	.999995	46	.000008	.999994	47	.000005	.999996
47	.000001	.999996	47	.000003	.999997	48	.000002	.999998
48	.000000	.999996	48	.000001	.999998	49	.000000	.999998
49	.000000	.999997	49	.000000	.999998			

50-100 BINOMIAL TABLES

n=
65

p=.46

x	Individual Term	Cumulative (x or less)
11	.000001	.000001
12	.000002	.000003
13	.000008	.000011
14	.000026	.000037
15	.000075	.000113
16	.000201	.000314
17	.000493	.000807
18	.001121	.001928
19	.002361	.004289
20	.004627	.008916
21	.008446	.017361
22	.014389	.031750
23	.022915	.054665
24	.034161	.088826
25	.047724	.136550
26	.062544	.199094
27	.076957	.276051
28	.088969	.365021
29	.096696	.461716
30	.098845	.560561
31	.095066	.655627
32	.086043	.741670
33	.073296	.814966
34	.058765	.873730
35	.044338	.918068
36	.031474	.949542
37	.021014	.970557
38	.013190	.983747
39	.007779	.991526
40	.004307	.995833
41	.002237	.998070
42	.001089	.999159
43	.000496	.999656
44	.000211	.999867
45	.000084	.999951
46	.000031	.999982
47	.000011	.999993
48	.000003	.999996
49	.000001	.999997
50	.000000	.999997

p=.47

x	Individual Term	Cumulative (x or less)
12	.000001	.000002
13	.000004	.000006
14	.000014	.000019
15	.000041	.000060
16	.000113	.000174
17	.000290	.000463
18	.000686	.001149
19	.001504	.002653
20	.003067	.005720
21	.005829	.011549
22	.010338	.021887
23	.017139	.039026
24	.026598	.065625
25	.038683	.104308
26	.052775	.157083
27	.067601	.224683
28	.081358	.306041
29	.092050	.398091
30	.097955	.496046
31	.098074	.594120
32	.092407	.686528
33	.081946	.768474
34	.068395	.836868
35	.053720	.890588
36	.039699	.930287
37	.027593	.957880
38	.018030	.975910
39	.011069	.986979
40	.006380	.993359
41	.003450	.996810
42	.001748	.998558
43	.000829	.999387
44	.000368	.999755
45	.000152	.999907
46	.000059	.999966
47	.000021	.999987
48	.000007	.999994
49	.000002	.999996
50	.000001	.999997
51	.000000	.999997

p=.48

x	Individual Term	Cumulative (x or less)
12	.000001	.000001
13	.000002	.000003
14	.000007	.000010
15	.000022	.000031
16	.000062	.000094
17	.000166	.000260
18	.000409	.000669
19	.000934	.001603
20	.001983	.003586
21	.003923	.007509
22	.007242	.014751
23	.012498	.027249
24	.020189	.047439
25	.030563	.078002
26	.043404	.121406
27	.057872	.179277
28	.072498	.251776
29	.085383	.337159
30	.094578	.431737
31	.098567	.530304
32	.096672	.626976
33	.089236	.716212
34	.077526	.793738
35	.063384	.857121
36	.048757	.905878
37	.035275	.941153
38	.023993	.965146
39	.015333	.980479
40	.009200	.989679
41	.005178	.994857
42	.002731	.997588
43	.001349	.998936
44	.000622	.999559
45	.000268	.999827
46	.000108	.999935
47	.000040	.999975
48	.000014	.999989
49	.000004	.999993
50	.000001	.999994
51	.000000	.999995

n=
65

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
13	.000001	.000001	13	.000000	.000001
14	.000003	.000003	14	.000002	.000002
15	.000011	.000016	15	.000006	.000008
16	.000034	.000049	16	.000018	.000025
17	.000093	.000142	17	.000051	.000076
18	.000238	.000380	18	.000135	.000211
19	.000566	.000946	19	.000334	.000545
20	.001250	.002196	20	.000768	.001313
21	.002574	.004770	21	.001646	.002959
22	.004946	.009716	22	.003292	.006251
23	.008884	.018600	23	.006155	.012406
24	.014938	.033538	24	.010771	.023177
25	.023537	.057075	25	.017664	.040841
26	.034791	.091865	26	.027175	.068016
27	.048282	.140147	27	.039253	.107270
28	.062956	.203104	28	.053272	.160542
29	.077174	.280277	29	.067968	.228511
30	.088977	.369254	30	.081562	.310073
31	.096518	.465771	31	.092086	.402159
32	.098529	.564300	32	.097841	.500000
33	.094665	.658965	33	.097841	.597842
34	.085602	.744567	34	.092086	.689928
35	.072846	.817413	35	.081562	.771490
36	.058324	.875737	36	.067968	.839458
37	.043921	.919658	37	.053272	.892731
38	.031094	.950751	38	.039253	.931984
39	.020682	.971434	39	.027175	.959159
40	.012916	.984350	40	.017664	.976823
41	.007567	.991917	41	.010771	.987594
42	.004154	.996071	42	.006155	.993749
43	.002135	.998206	43	.003292	.997041
44	.001026	.999232	44	.001646	.998687
45	.000460	.999692	45	.000768	.999455
46	.000192	.999884	46	.000334	.999789
47	.000075	.999958	47	.000135	.999924
48	.000027	.999985	48	.000051	.999975
49	.000009	.999994	49	.000018	.999992
50	.000003	.999997	50	.000006	.999998
51	.000001	.999998	51	.000002	1.000000
52	.000000	.999998	52	.000000	1.000000

50-100 BINOMIAL TABLES

n=70

p=.01

x	Individual Term	Cumulative (x or less)
0	.494839	.494839
1	.349886	.844725
2	.121930	.966654
3	.027917	.994571
4	.004723	.999294
5	.000630	.999924
6	.000069	.999993
7	.000006	.999999
8	.000001	1.000000
9	.000000	1.000000

p=.02

x	Individual Term	Cumulative (x or less)
0	.243123	.243123
1	.347318	.590440
2	.244540	.834981
3	.113121	.948101
4	.038669	.986770
5	.010417	.997187
6	.002303	.999490
7	.000430	.999920
8	.000069	.999989
9	.000010	.999998
10	.000001	1.000000
11	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.118583	.118583
1	.256725	.375308
2	.273928	.649326
3	.192032	.841269
4	.099481	.940749
5	.040613	.981362
6	.013607	.994969
7	.003848	.998817
8	.000937	.999754
9	.000200	.999954
10	.000038	.999992
11	.000006	.999998
12	.000001	.999999
13	.000000	.999999

p=.04

x	Individual Term	Cumulative (x or less)
0	.057410	.057410
1	.167445	.224855
2	.240703	.465558
3	.227330	.692888
4	.158658	.851546
5	.087262	.938808
6	.039389	.978197
7	.015005	.993202
8	.004924	.998126
9	.001413	.999539
10	.000359	.999898
11	.000082	.999980
12	.000017	.999996
13	.000003	1.000000
14	.000001	1.000001
15	.000000	1.000001

p=.05

x	Individual Term	Cumulative (x or less)
0	.027584	.027584
1	.101624	.129208
2	.184528	.313736
3	.220139	.533874
4	.194070	.727944
5	.134827	.862771
6	.076875	.939646
7	.036993	.976639
8	.015332	.991971
9	.005559	.997530
10	.001785	.999315
11	.000512	.999827
12	.000133	.999960
13	.000031	.999991
14	.000007	.999998
15	.000001	.999999
16	.000000	.999999

p=.06

x	Individual Term	Cumulative (x or less)
0	.013151	.013151
1	.058759	.071909
2	.129394	.201303
3	.187208	.388511
4	.200153	.588665
5	.168640	.757305
6	.116613	.873917
7	.068054	.941971
8	.034208	.976179
9	.015042	.991221
10	.005857	.997077
11	.002039	.999116
12	.000640	.999756
13	.000182	.999938
14	.000047	.999986
15	.000011	.999997
16	.000002	1.000000
17	.000001	1.000001
18	.000000	1.000001

n=
70

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.006220	.006220	0	.002918	.002918	0	.001358	.001358
1	.032773	.038993	1	.017764	.020683	1	.009401	.010759
2	.085105	.124098	2	.053293	.073976	2	.032079	.042838
3	.145197	.269295	3	.105041	.179017	3	.071913	.114751
4	.183057	.452352	4	.152995	.332011	4	.119130	.233881
5	.181876	.634228	5	.175611	.507622	5	.155524	.389405
6	.148304	.782532	6	.165431	.673053	6	.166632	.556037
7	.102059	.884591	7	.131523	.804576	7	.150675	.706713
8	.060494	.945085	8	.090064	.894640	8	.117353	.824066
9	.031367	.976453	9	.053952	.948592	9	.079955	.904020
10	.014402	.990855	10	.028618	.977210	10	.048236	.952257
11	.005913	.996768	11	.013574	.990783	11	.026022	.978279
12	.002188	.998956	12	.005803	.996586	12	.012653	.990932
13	.000735	.999691	13	.002251	.998838	13	.005583	.996515
14	.000225	.999916	14	.000797	.999635	14	.002248	.998763
15	.000063	.999979	15	.000259	.999894	15	.000830	.999594
16	.000016	.999995	16	.000077	.999971	16	.000282	.999876
17	.000004	.999999	17	.000021	.999992	17	.000089	.999964
18	.000001	1.000001	18	.000005	.999998	18	.000026	.999990
19	.000000	1.000001	19	.000001	.999999	19	.000007	.999997
			20	.000000	1.000000	20	.000002	.999999
						21	.000000	.999999
						22	.000000	1.000000

50-100 BINOMIAL TABLES

n=
70

p=.10		
x	Individual Term	Cumulative (x or less)
0	.000627	.000627
1	.004873	.005500
2	.018681	.024181
3	.047049	.071231
4	.087564	.158795
5	.128427	.287222
6	.154588	.441810
7	.157042	.598851
8	.137412	.736263
9	.105179	.841442
10	.071288	.912730
11	.043205	.955935
12	.023603	.979538
13	.011700	.991238
14	.005293	.996531
15	.002196	.998727
16	.000839	.999566
17	.000296	.999862
18	.000097	.999958
19	.000029	.999988
20	.000008	.999996
21	.000002	.999998
22	.000001	.999999
23	.000000	.999999

p=.11		
x	Individual Term	Cumulative (x or less)
0	.000287	.000287
1	.002480	.002766
2	.010574	.013340
3	.029622	.042962
4	.061324	.104286
5	.100048	.204334
6	.133959	.338293
7	.151376	.489668
8	.147336	.637004
9	.125447	.762452
10	.094579	.857031
11	.063761	.920792
12	.038746	.959538
13	.021366	.980903
14	.010751	.991655
15	.004961	.996616
16	.002108	.998723
17	.000827	.999551
18	.000301	.999852
19	.000102	.999954
20	.000032	.999986
21	.000009	.999995
22	.000003	.999998
23	.000001	.999999
24	.000000	.999999

p=.12		
x	Individual Term	Cumulative (x or less)
0	.000130	.000130
1	.001240	.001370
2	.005836	.007206
3	.018038	.025244
4	.041200	.066443
5	.074161	.140605
6	.109555	.250161
7	.136589	.386749
8	.146677	.533427
9	.137788	.671214
10	.114615	.785829
11	.085250	.871079
12	.057157	.928236
13	.034774	.963009
14	.019306	.982316
15	.009829	.992144
16	.004607	.996751
17	.001996	.998747
18	.000801	.999548
19	.000299	.999847
20	.000104	.999951
21	.000034	.999985
22	.000010	.999995
23	.000003	.999998
24	.000001	.999999
25	.000000	.999999

n=
70

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000058	.000058	0	.000026	.000026	0	.000011	.000011
1	.000611	.000669	1	.000296	.000322	1	.000142	.000153
2	.003149	.003818	2	.001664	.001986	2	.000862	.001015
3	.010664	.014482	3	.006139	.008125	3	.003449	.004464
4	.026691	.041173	4	.016739	.024864	4	.010194	.014658
5	.052646	.093818	5	.035969	.060833	5	.023745	.038403
6	.085221	.179039	6	.063434	.124267	6	.045396	.083799
7	.116427	.295466	7	.094414	.218681	7	.073243	.137042
8	.137002	.432469	8	.121036	.339718	8	.101787	.258829
9	.141027	.573495	9	.135736	.475454	9	.123741	.382569
10	.128545	.702040	10	.134789	.610242	10	.133203	.515772
11	.104770	.806810	11	.119686	.729928	11	.128217	.643989
12	.076972	.883782	12	.095795	.825723	12	.111247	.755236
13	.051315	.935097	13	.069576	.895299	13	.087588	.842824
14	.031218	.966315	14	.046114	.941413	14	.062931	.905755
15	.017415	.983731	15	.028026	.969439	15	.041460	.947216
16	.008945	.992676	16	.015683	.985122	16	.025151	.972366
17	.004246	.996922	17	.008110	.993232	17	.014098	.986465
18	.001868	.998790	18	.003887	.997119	18	.007326	.993790
19	.000764	.999554	19	.001732	.998851	19	.003538	.997328
20	.000291	.999845	20	.000719	.999570	20	.001592	.998920
21	.000104	.999949	21	.000279	.999848	21	.000669	.999589
22	.000034	.999983	22	.000101	.999949	22	.000263	.999852
23	.000011	.999994	23	.000034	.999984	23	.000097	.999949
24	.000003	.999997	24	.000011	.999994	24	.000033	.999983
25	.000001	.999998	25	.000003	.999998	25	.000011	.999993
26	.000000	.999998	26	.000001	.999999	26	.000003	.999997
			27	.000000	.999999	27	.000001	.999998
						28	.000000	.999998

50-100 BINOMIAL TABLES

n=
70

p=.16		
x	Individual Term	Cumulative (x or less)
0	.000005	.000005
1	.000067	.000072
2	.000439	.000510
3	.001894	.002404
4	.006043	.008447
5	.015193	.023640
6	.031351	.054991
7	.054597	.109589
8	.081896	.191485
9	.107462	.298946
10	.124860	.423806
11	.129725	.553531
12	.121488	.675019
13	.103243	.778261
14	.080066	.858327
15	.056936	.915263
16	.037279	.952542
17	.022556	.975098
18	.012650	.987748
19	.006595	.994342
20	.003203	.997545
21	.001453	.998998
22	.000616	.999614
23	.000245	.999859
24	.000091	.999951
25	.000032	.999983
26	.000011	.999993
27	.000003	.999997
28	.000001	.999998
29	.000000	.999998

p=.17		
x	Individual Term	Cumulative (x or less)
0	.000002	.000002
1	.000031	.000033
2	.000219	.000253
3	.001018	.001271
4	.003494	.004764
5	.009445	.014210
6	.020958	.035168
7	.039246	.074414
8	.063302	.137716
9	.089318	.227035
10	.111594	.338629
11	.124673	.463302
12	.125549	.588850
13	.114727	.703578
14	.095672	.799250
15	.073156	.872406
16	.051507	.923913
17	.033511	.957424
18	.020210	.977633
19	.011329	.988962
20	.005917	.994878
21	.002885	.997764
22	.001316	.999080
23	.000563	.999643
24	.000226	.999868
25	.000085	.999954
26	.000030	.999984
27	.000010	.999994
28	.000003	.999997
29	.000001	.999998
30	.000000	.999998

p=.18		
x	Individual Term	Cumulative (x or less)
0	.000001	.000001
1	.000014	.000015
2	.000108	.000123
3	.000537	.000660
4	.001973	.002633
5	.005717	.008349
6	.013595	.021944
7	.027285	.049229
8	.047166	.096395
9	.071324	.167719
10	.095504	.263223
11	.114351	.377574
12	.123415	.500989
13	.120868	.621857
14	.108023	.729881
15	.088526	.818407
16	.066800	.885207
17	.046578	.931785
18	.030105	.961890
19	.018086	.979976
20	.010124	.990100
21	.005291	.995391
22	.002587	.997978
23	.001185	.999163
24	.000509	.999673
25	.000206	.999879
26	.000078	.999957
27	.000028	.999985
28	.000009	.999994
29	.000003	.999997
30	.000001	.999998
31	.000000	.999998

50-100 BINOMIAL TABLES

n=
70

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000006	.000007	1	.000003	.000003	1	.000001	.000001
2	.000052	.000059	2	.000025	.000028	2	.000012	.000013
3	.000277	.000336	3	.000141	.000169	3	.000070	.000083
4	.001090	.001426	4	.000589	.000758	4	.000312	.000395
5	.003374	.004801	5	.001945	.002703	5	.001096	.001491
6	.008575	.013375	6	.005267	.007970	6	.003156	.004647
7	.018389	.031765	7	.012040	.020010	7	.007670	.012317
8	.033969	.065734	8	.023703	.043713	8	.016055	.028372
9	.054892	.120626	9	.040822	.084535	9	.029401	.057773
10	.078542	.199168	10	.062254	.146789	10	.047674	.105448
11	.100492	.299660	11	.084892	.231681	11	.069125	.174573
12	.115897	.415556	12	.104346	.336027	12	.090344	.264917
13	.121290	.536846	13	.116386	.452413	13	.107146	.372062
14	.115835	.652681	14	.118464	.570877	14	.115962	.488024
15	.101439	.754120	15	.110567	.681444	15	.115081	.603105
16	.081793	.835912	16	.095018	.776462	16	.105157	.708262
17	.060944	.896856	17	.075456	.851917	17	.088792	.797054
18	.042092	.938948	18	.055544	.907461	18	.069498	.866552
19	.027022	.965971	19	.038004	.945465	19	.050561	.917112
20	.016163	.982134	20	.024227	.969692	20	.034272	.951385
21	.009027	.991161	21	.014421	.984113	21	.021691	.973076
22	.004716	.995877	22	.008030	.992143	22	.012843	.985919
23	.002309	.998186	23	.004190	.996332	23	.007125	.993043
24	.001061	.999246	24	.002051	.998384	24	.003709	.996752
25	.000458	.999704	25	.000944	.999327	25	.001814	.998566
26	.000186	.999890	26	.000408	.999735	26	.000835	.999401
27	.000071	.999961	27	.000166	.999902	27	.000362	.999762
28	.000026	.999986	28	.000064	.999965	28	.000148	.999910
29	.000009	.999995	29	.000023	.999989	29	.000057	.999966
30	.000003	.999998	30	.000008	.999996	30	.000021	.999987
31	.000001	.999999	31	.000003	.999999	31	.000007	.999994
32	.000000	.999999	32	.000001	1.000000	32	.000002	.999996
			33	.000000	1.000000	33	.000001	.999997
						34	.000000	.999997

50-100 BINOMIAL TABLES

n=
70

p=.22

x	Individual Term	Cumulative (x or less)
1	.000001	.000001
2	.000005	.000006
3	.000034	.000040
4	.000162	.000203
5	.000604	.000807
6	.001846	.002653
7	.004761	.007413
8	.010574	.017987
9	.020545	.038533
10	.035348	.073881
11	.054382	.128263
12	.075415	.203678
13	.094900	.298578
14	.108979	.407558
15	.114754	.522312
16	.111260	.633572
17	.099681	.733253
18	.082783	.816036
19	.063903	.879939
20	.045961	.925900
21	.030865	.956765
22	.019390	.976155
23	.011413	.987568
24	.006304	.993872
25	.003272	.997144
26	.001597	.998741
27	.000734	.999475
28	.000318	.999793
29	.000130	.999923
30	.000050	.999973
31	.000018	.999991
32	.000006	.999998
33	.000002	1.000000
34	.000001	1.000001
35	.000000	1.000001

p=.23

x	Individual Term	Cumulative (x or less)
2	.000002	.000003
3	.000017	.000019
4	.000083	.000102
5	.000326	.000428
6	.001055	.001484
7	.002882	.004366
8	.006780	.011146
9	.013952	.025098
10	.025421	.050518
11	.041417	.091936
12	.060826	.152762
13	.081061	.233823
14	.098582	.332405
15	.109934	.442339
16	.112878	.555217
17	.107101	.662318
18	.094196	.756514
19	.077005	.833519
20	.058654	.892173
21	.041714	.933887
22	.027752	.961639
23	.017300	.978939
24	.010120	.989059
25	.005562	.994621
26	.002875	.997496
27	.001400	.998896
28	.000642	.999538
29	.000278	.999816
30	.000113	.999929
31	.000044	.999973
32	.000016	.999989
33	.000005	.999994
34	.000002	.999996
35	.000001	.999997
36	.000000	.999997

p=.24

x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000008	.000009
4	.000041	.000050
5	.000173	.000223
6	.000590	.000813
7	.001704	.002517
8	.004238	.006755
9	.009219	.015973
10	.017758	.033731
11	.030588	.064319
12	.047492	.111811
13	.066912	.178723
14	.086029	.264752
15	.101424	.366176
16	.110098	.476274
17	.110439	.586713
18	.102689	.689402
19	.088751	.778153
20	.071468	.849620
21	.053735	.903355
22	.037794	.941150
23	.024908	.966058
24	.015404	.981461
25	.008950	.990411
26	.004892	.995303
27	.002517	.997821
28	.001221	.999042
29	.000558	.999600
30	.000241	.999841
31	.000098	.999939
32	.000038	.999977
33	.000014	.999991
34	.000005	.999996
35	.000002	.999997
36	.000000	.999998

n=
70

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000000	.000001	2	.000000	.000000	3	.000001	.000001
3	.000004	.000004	3	.000002	.000002	4	.000005	.000005
4	.000020	.000024	4	.000010	.000012			
5	.000089	.000114	5	.000045	.000057	5	.000023	.000028
6	.000323	.000437	6	.000173	.000230	6	.000091	.000119
7	.000984	.001421	7	.000556	.000786	7	.000307	.000426
8	.002584	.004005	8	.001539	.002325	8	.000895	.001322
9	.005934	.009939	9	.003724	.006049	9	.002281	.003602
10	.012065	.022005	10	.007982	.014031	10	.005146	.008749
11	.021937	.043942	11	.015297	.029328	11	.010382	.019130
12	.035953	.079894	12	.026425	.055753	12	.018879	.038010
13	.053468	.133362	13	.041423	.097176	13	.031154	.069164
14	.072564	.205926	14	.059256	.156432	14	.046914	.116077
15	.090301	.296227	15	.077726	.234158	15	.064779	.180857
16	.103470	.399697	16	.093876	.328034	16	.082361	.263218
17	.109557	.509254	17	.104771	.432805	17	.096762	.359980
18	.107528	.616781	18	.108389	.541193	18	.105378	.465358
19	.098096	.714877	19	.104226	.645419	19	.106670	.572028
20	.083381	.798258	20	.093381	.738800	20	.100606	.672634
21	.066176	.864434	21	.078118	.816918	21	.088596	.761230
22	.049130	.913564	22	.061131	.878049	22	.072984	.834214
23	.034178	.947742	23	.044825	.922874	23	.056336	.890550
24	.022310	.970052	24	.030842	.953716	24	.040805	.931354
25	.013684	.983736	25	.019939	.973655	25	.027770	.959124
26	.007894	.991630	26	.012125	.985781	26	.017777	.976900
27	.004288	.995918	27	.006943	.992723	27	.010715	.987615
28	.002195	.998114	28	.003746	.996469	28	.006086	.993701
29	.001160	.999173	29	.001906	.998375	29	.003260	.996961
30	.000483	.999656	30	.000915	.999291	30	.001648	.998609
31	.000208	.999864	31	.000415	.999706	31	.000786	.999395
32	.000084	.999948	32	.000178	.999883	32	.000355	.999750
33	.000032	.999981	33	.000072	.999955	33	.000151	.999901
34	.000012	.999992	34	.000027	.999983	34	.000061	.999962
35	.000004	.999996	35	.000010	.999993	35	.000023	.999985
36	.000001	.999998	36	.000003	.999996	36	.000008	.999993
37	.000000	.999998	37	.000001	.999997	37	.000003	.999996
			38	.000000	.999997	38	.000001	.999997
						39	.000000	.999997

50-100 BINOMIAL TABLES

n=
70

p=.28		
x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000002	.000003
5	.000011	.000014
6	.000047	.000060
7	.000166	.000227
8	.000509	.000736
9	.001364	.002100
10	.003236	.005336
11	.006864	.012200
12	.013124	.025324
13	.022771	.048096
14	.036055	.084150
15	.052346	.136496
16	.069976	.206472
17	.086441	.292913
18	.098980	.391894
19	.105348	.497241
20	.104470	.601711
21	.096731	.698442
22	.083785	.782227
23	.067999	.850226
24	.051786	.902013
25	.037056	.939069
26	.024942	.964011
27	.015807	.979817
28	.009440	.989257
29	.005317	.994574
30	.002826	.997400
31	.001418	.998518
32	.000672	.999490
33	.000301	.999791
34	.000127	.999918
35	.000051	.999969
36	.000019	.999989
37	.000007	.999995
38	.000002	.999998
39	.000001	.999998
40	.000000	.999999

p=.29		
x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000005	.000006
6	.000024	.000030
7	.000088	.000118
8	.000283	.000401
9	.000797	.001198
10	.001986	.003184
11	.004424	.007609
12	.008885	.016494
13	.016191	.032685
14	.026926	.059610
15	.041058	.100669
16	.057648	.158317
17	.074794	.233112
18	.089952	.323064
19	.100555	.423618
20	.104732	.528351
21	.101852	.630203
22	.092658	.722861
23	.078984	.801845
24	.063178	.865023
25	.047481	.912504
26	.033566	.946070
27	.022342	.968412
28	.014015	.982427
29	.008290	.990717
30	.004628	.995345
31	.002439	.997784
32	.001214	.998998
33	.000571	.999569
34	.000254	.999823
35	.000107	.999929
36	.000042	.999972
37	.000016	.999988
38	.000006	.999993
39	.000002	.999995
40	.000001	.999996
41	.000000	.999996

p=.30		
x	Individual Term	Cumulative (x or less)
4	.000000	.000001
5	.000003	.000003
6	.000012	.000015
7	.000046	.000060
8	.000154	.000215
9	.000455	.000670
10	.001190	.001860
11	.002782	.004642
12	.005862	.010504
13	.011208	.021712
14	.019558	.041270
15	.031292	.072562
16	.046100	.118662
17	.062758	.181420
18	.079195	.260614
19	.092890	.353504
20	.101515	.455020
21	.103587	.558607
22	.098879	.657485
23	.088438	.745923
24	.074225	.820148
25	.058531	.878679
26	.043416	.922095
27	.030322	.952418
28	.019957	.972375
29	.012387	.984762
30	.007255	.992017
31	.004012	.996030
32	.002096	.998125
33	.001034	.999159
34	.000482	.999642
35	.000213	.999854
36	.000089	.999943
37	.000035	.999978
38	.000013	.999991
39	.000005	.999995
40	.000002	.999997
41	.000000	.999997

n=
70

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
5	.000001	.000001	5	.000001	.000001	6	.000001	.000002
6	.000006	.000007	6	.000003	.000003	7	.000006	.000007
7	.000023	.000030	7	.000012	.000015	8	.000022	.000029
8	.000082	.000112	8	.000043	.000058	9	.000074	.000103
9	.000254	.000367	9	.000139	.000197			
10	.000697	.001063	10	.000399	.000595	10	.000223	.000326
11	.001707	.002771	11	.001023	.001618	11	.000599	.000925
12	.003771	.006542	12	.002367	.003985	12	.001450	.002375
13	.007559	.014101	13	.004970	.008955	13	.003187	.005562
14	.013827	.027928	14	.009522	.018477	14	.006390	.011952
15	.023193	.051121	15	.016729	.035206	15	.011750	.023702
16	.035818	.086939	16	.027061	.062267	16	.019894	.043596
17	.051117	.138056	17	.040451	.102718	17	.031125	.074722
18	.067620	.205676	18	.056050	.158769	18	.045139	.119861
19	.083146	.288822	19	.072189	.230957	19	.060848	.180709
20	.095256	.384078	20	.086626	.317584	20	.076423	.257132
21	.101896	.485974	21	.097060	.414644	21	.089622	.346754
22	.101963	.587937	22	.101732	.516375	22	.098317	.445070
23	.095602	.683539	23	.099910	.616286	23	.101060	.546130
24	.084114	.767653	24	.092074	.708360	24	.097478	.643608
25	.069534	.837187	25	.079725	.788085	25	.088341	.731949
26	.054069	.891256	26	.064935	.853020	26	.075308	.807257
27	.039587	.930843	27	.049797	.902817	27	.060446	.867703
28	.027313	.958156	28	.035988	.938805	28	.045721	.913424
29	.017772	.975928	29	.024527	.963333	29	.032614	.946038
30	.010912	.986840	30	.015774	.979107	30	.021954	.967992
31	.006326	.993166	31	.009578	.988686	31	.013952	.981944
32	.003464	.996630	32	.005494	.994179	32	.008375	.990320
33	.001792	.998422	33	.002977	.997156	33	.004750	.995070
34	.000876	.999298	34	.001524	.998681	34	.002546	.997616
35	.000405	.999703	35	.000738	.999419	35	.001290	.998906
36	.000177	.999880	36	.000338	.999756	36	.000618	.999524
37	.000073	.999953	37	.000146	.999902	37	.000280	.999803
38	.000028	.999981	38	.000060	.999962	38	.000120	.999923
39	.000011	.999992	39	.000023	.999985	39	.000048	.999971
40	.000004	.999995	40	.000008	.999993	40	.000018	.999990
41	.000001	.999996	41	.000003	.999996	41	.000007	.999996
42	.000000	.999997	42	.000001	.999997	42	.000002	.999998
			43	.000000	.999997	43	.000001	.999999
						44	.000000	.999999

50-100 BINOMIAL TABLES

n=
70

p=.34

x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000003	.000003
8	.000011	.000014
9	.000039	.000053
10	.000122	.000175
11	.000342	.000517
12	.000867	.001385
13	.001993	.003378
14	.004181	.007559
15	.008041	.015601
16	.014240	.029840
17	.023301	.053142
18	.035344	.088486
19	.049832	.138318
20	.065461	.203778
21	.080291	.284069
22	.092124	.376193
23	.099043	.475236
24	.099918	.575153
25	.094710	.669864
26	.084444	.754308
27	.070892	.825199
28	.056084	.881283
29	.041843	.923127
30	.029459	.952586
31	.019582	.972168
32	.012294	.984463
33	.007293	.991756
34	.004089	.995844
35	.002166	.998011
36	.001085	.999096
37	.000514	.999609
38	.000230	.999839
39	.000097	.999936
40	.000039	.999975
41	.000015	.999989
42	.000005	.999995
43	.000002	.999996
44	.000001	.999997
45	.000000	.999997

p=.35

x	Individual Term	Cumulative (x or less)
7	.000001	.000002
8	.000005	.000007
9	.000020	.000027
10	.000065	.000092
11	.000191	.000283
12	.000507	.000790
13	.001217	.002007
14	.002668	.004675
15	.005364	.010039
16	.009928	.019967
17	.016982	.036949
18	.026944	.063873
19	.039677	.103550
20	.054479	.158029
21	.069845	.227875
22	.083766	.311640
23	.094131	.405772
24	.099260	.505032
25	.098344	.603376
26	.091652	.695028
27	.080424	.775452
28	.066504	.841957
29	.051863	.893819
30	.038166	.931985
31	.026517	.958502
32	.017402	.975904
33	.010790	.986694
34	.006323	.993017
35	.003502	.996519
36	.001833	.998352
37	.000907	.999259
38	.000424	.999683
39	.000187	.999871
40	.000078	.999949
41	.000031	.999980
42	.000011	.999991
43	.000004	.999995
44	.000001	.999996
45	.000000	.999997

p=.36

x	Individual Term	Cumulative (x or less)
7	.000001	.000001
8	.000003	.000003
9	.000010	.000013
10	.000034	.000047
11	.000105	.000152
12	.000289	.000441
13	.000725	.001166
14	.001661	.002827
15	.003489	.006316
16	.006746	.013062
17	.012053	.025115
18	.019963	.045077
19	.030732	.075809
20	.044081	.119891
21	.059037	.178928
22	.073964	.252892
23	.086828	.339720
24	.095646	.435366
25	.098994	.534360
26	.096376	.630736
27	.088345	.719080
28	.076316	.795396
29	.062171	.857567
30	.047794	.905361
31	.034689	.940050
32	.023781	.963831
33	.015404	.979235
34	.009429	.988664
35	.005455	.994119
36	.002983	.997102
37	.001542	.998645
38	.000753	.999398
39	.000348	.999746
40	.000152	.999897
41	.000062	.999960
42	.000024	.999984
43	.000009	.999993
44	.000003	.999996
45	.000001	.999997
46	.000000	.999997

n=
70

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
8	.000001	.000002	8	.000001	.000001	9	.000001	.000001
9	.000005	.000006	9	.000002	.000003	10	.000004	.000006
10	.000017	.000024	10	.000009	.000012	11	.000015	.000020
11	.000056	.000080	11	.000029	.000041	12	.000047	.000067
12	.000161	.000241	12	.000088	.000129	13	.000133	.000200
13	.000422	.000663	13	.000240	.000368	14	.000346	.000547
14	.001009	.001672	14	.000598	.000967	15	.000827	.001373
15	.002213	.003885	15	.001369	.002336	16	.001817	.003190
16	.004468	.008353	16	.002885	.005221	17	.003690	.006880
17	.008335	.016687	17	.005617	.010838	18	.006946	.013826
18	.014413	.031100	18	.010137	.020975	19	.012154	.025979
19	.023167	.054267	19	.017003	.037978	20	.019815	.045794
20	.034695	.088962	20	.026574	.064552	21	.030163	.075957
21	.048515	.137477	21	.038780	.103332	22	.042952	.118909
22	.063462	.200939	22	.052938	.156270	23	.057310	.176219
23	.077783	.278723	23	.067713	.223983	24	.071755	.247974
24	.089461	.368184	24	.081274	.305258	25	.084412	.332386
25	.096675	.464859	25	.091656	.396914	26	.093407	.425792
26	.098268	.563127	26	.097229	.494143	27	.097320	.523112
27	.094051	.657178	27	.097112	.591255	28	.095553	.618666
28	.084827	.742006	28	.091407	.682662	29	.088477	.707143
29	.072152	.814157	29	.081137	.763799	30	.077309	.784452
30	.057912	.872070	30	.067963	.831762	31	.063777	.848229
31	.043887	.915956	31	.053748	.885511	32	.049695	.897924
32	.031413	.947369	32	.040149	.925659	33	.036586	.934510
33	.021244	.968613	33	.028336	.953995	34	.025455	.959965
34	.013578	.982191	34	.018899	.972895	35	.016740	.976705
35	.008202	.990393	35	.011914	.984809	36	.010405	.987110
36	.004683	.995076	36	.007100	.991909	37	.006113	.993223
37	.002527	.997604	37	.003999	.995907	38	.003394	.996617
38	.001289	.998893	38	.002128	.998035	39	.001780	.998397
39	.000621	.999514	39	.001070	.999106	40	.000882	.999280
40	.000283	.999797	40	.000508	.999614	41	.000413	.999692
41	.000122	.999918	41	.000228	.999842	42	.000182	.999875
42	.000049	.999967	42	.000096	.999939	43	.000076	.999950
43	.000019	.999986	43	.000039	.999977	44	.000030	.999980
44	.000007	.999993	44	.000014	.999992	45	.000011	.999991
45	.000002	.999995	45	.000005	.999997	46	.000004	.999995
46	.000001	.999996	46	.000002	.999998	47	.000001	.999996
47	.000000	.999996	47	.000001	.999999	48	.000000	.999997
			48	.000000	.999999			

50-100 BINOMIAL TABLES

n=
70

p=.40

x	Individual Term	Cumulative (x or less)
9	.000000	.000001
10	.000002	.000003
11	.000007	.000010
12	.000024	.000034
13	.000072	.000106
14	.000196	.000302
15	.000487	.000789
16	.001116	.001905
17	.002363	.004268
18	.004638	.008906
19	.008463	.017369
20	.014387	.031756
21	.022836	.054592
22	.033909	.088501
23	.047177	.135678
24	.061592	.197270
25	.075553	.272823
26	.087177	.360000
27	.094711	.454710
28	.096966	.551676
29	.093622	.645298
30	.085300	.730598
31	.073376	.803974
32	.059618	.863592
33	.045768	.909360
34	.033204	.942564
35	.022768	.965332
36	.014757	.980089
37	.009040	.989130
38	.005234	.994364
39	.002863	.997227
40	.001479	.998706
41	.000722	.999428
42	.000332	.999760
43	.000144	.999904
44	.000059	.999963
45	.000023	.999986
46	.000008	.999994
47	.000003	.999997
48	.000001	.999998
49	.000000	.999998

p=.41

x	Individual Term	Cumulative (x or less)
10	.000001	.000001
11	.000004	.000005
12	.000012	.000017
13	.000038	.000055
14	.000108	.000163
15	.000280	.000443
16	.000668	.001111
17	.001475	.002587
18	.003019	.005605
19	.005741	.011347
20	.010174	.021520
21	.016833	.038354
22	.026054	.064407
23	.037785	.102192
24	.051420	.153612
25	.065748	.219360
26	.079078	.298438
27	.089552	.387990
28	.095569	.483559
29	.096183	.579742
30	.091347	.671089
31	.081908	.752997
32	.069370	.822367
33	.055510	.877877
34	.041979	.919856
35	.030005	.949861
36	.020272	.970132
37	.012945	.983077
38	.007812	.990889
39	.004454	.995344
40	.002399	.997743
41	.001220	.998962
42	.000585	.999548
43	.000265	.999812
44	.000113	.999925
45	.000045	.999971
46	.000017	.999988
47	.000006	.999994
48	.000002	.999996
49	.000001	.999996
50	.000000	.999997

p=.42

x	Individual Term	Cumulative (x or less)
10	.000000	.000001
11	.000002	.000002
12	.000006	.000008
13	.000020	.000028
14	.000058	.000086
15	.000157	.000243
16	.000390	.000633
17	.000898	.001531
18	.001915	.003446
19	.003795	.007242
20	.007008	.014250
21	.012083	.026332
22	.019488	.045820
23	.029451	.075270
24	.041764	.117034
25	.055647	.172681
26	.069743	.242424
27	.082302	.324726
28	.091525	.416251
29	.095987	.512239
30	.094995	.607233
31	.088760	.695993
32	.078335	.774328
33	.065320	.839648
34	.051474	.891122
35	.038339	.929461
36	.026992	.956453
37	.017961	.974414
38	.011295	.985709
39	.006711	.992420
40	.003766	.996186
41	.001996	.998182
42	.000998	.999180
43	.000470	.999650
44	.000209	.999859
45	.000087	.999947
46	.000034	.999981
47	.000013	.999994
48	.000004	.999998
49	.000001	1.000000
50	.000000	1.000001

n=
70

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
11	.000001	.000001	11	.000000	.000000	12	.000001	.000001
12	.000003	.000004	12	.000001	.000002	13	.000002	.000003
13	.000010	.000014	13	.000005	.000007	14	.000008	.000011
14	.000030	.000044	14	.000016	.000022	15	.000024	.000035
15	.000086	.000130	15	.000046	.000068	16	.000067	.000102
16	.000222	.000353	16	.000124	.000192	17	.000174	.000276
17	.000533	.000886	17	.000308	.000500	18	.000419	.000694
18	.001184	.002070	18	.000713	.001213	19	.000938	.001632
19	.002444	.004514	19	.001534	.002748	20	.001957	.003589
20	.004702	.009216	20	.003074	.005821	21	.003812	.007402
21	.008446	.017663	21	.005750	.011571	22	.006947	.014349
22	.014191	.031854	22	.010063	.021634	23	.011863	.026212
23	.022343	.054197	23	.016500	.038134	24	.019007	.045218
24	.033008	.087204	24	.025389	.063523	25	.028614	.073833
25	.045817	.133021	25	.036705	.100228	26	.040520	.114353
26	.059822	.192843	26	.049915	.150143	27	.054027	.168379
27	.073543	.266386	27	.063912	.214054	28	.067884	.236263
28	.085201	.351586	28	.077118	.291173	29	.080440	.316703
29	.093087	.444673	29	.087755	.378928	30	.089946	.406649
30	.095972	.540646	30	.094232	.473160	31	.094958	.501607
31	.093419	.634065	31	.095535	.568695	32	.094688	.596295
32	.085891	.719956	32	.091483	.660178	33	.089210	.685505
33	.074612	.794568	33	.082771	.742949	34	.079430	.764935
34	.061253	.855820	34	.070772	.813722	35	.066845	.811780
35	.047528	.903349	35	.057196	.870917	36	.053172	.884953
36	.034859	.938208	36	.043691	.914608	37	.039977	.924930
37	.024165	.962372	37	.031545	.946154	38	.028405	.953335
38	.015831	.978203	38	.021524	.967678	39	.019069	.972404
39	.009799	.988002	39	.013876	.981554	40	.012091	.984495
40	.005729	.993731	40	.008450	.990004	41	.007239	.991734
41	.003162	.996894	41	.004858	.994862	42	.004089	.995824
42	.001617	.998541	42	.002635	.997498	43	.002179	.998002
43	.000809	.999350	43	.001348	.998846	44	.001094	.999096
44	.000375	.999725	44	.000650	.999496	45	.000517	.999613
45	.000163	.999888	45	.000295	.999791	46	.000230	.999843
46	.000067	.999955	46	.000126	.999917	47	.000096	.999939
47	.000026	.999981	47	.000051	.999968	48	.000038	.999977
48	.000009	.999990	48	.000019	.999987	49	.000014	.999991
49	.000003	.999993	49	.000007	.999993	50	.000005	.999996
50	.000001	.999994	50	.000002	.999996	51	.000002	.999997
51	.000000	.999995	51	.000001	.999996	52	.000000	.999998
			52	.000000	.999997			

50-100 BINOMIAL TABLES

n=
70

p=.46

x	Individual Term	Cumulative (x or less)
12	.000000	.000000
13	.000001	.000001
14	.000004	.000005
15	.000012	.000017
16	.000035	.000053
17	.000096	.000148
18	.000240	.000388
19	.000559	.000946
20	.001214	.002160
21	.002461	.004621
22	.004670	.009291
23	.008302	.017593
24	.013849	.031442
25	.021708	.053150
26	.032005	.085155
27	.044429	.129584
28	.058122	.187706
29	.071706	.259412
30	.083480	.342893
31	.091759	.434651
32	.095263	.529914
33	.093446	.623360
34	.086625	.709985
35	.075900	.785885
36	.062860	.848745
37	.049206	.897951
38	.036401	.934351
39	.025442	.959794
40	.016797	.976591
41	.010470	.987060
42	.006158	.993218
43	.003416	.996634
44	.001786	.998419
45	.000879	.999298
46	.000407	.999705
47	.000177	.999882
48	.000072	.999954
49	.000028	.999982
50	.000010	.999992
51	.000003	.999995
52	.000001	.999996
53	.000000	.999996

p=.47

x	Individual Term	Cumulative (x or less)
13	.000000	.000001
14	.000002	.000002
15	.000006	.000008
16	.000018	.000027
17	.000051	.000078
18	.000134	.000211
19	.000324	.000535
20	.000733	.001268
21	.001547	.002815
22	.003056	.005871
23	.005655	.011526
24	.009821	.021348
25	.016025	.037373
26	.024596	.061969
27	.035545	.097514
28	.048407	.145922
29	.062171	.208092
30	.075348	.283440
31	.086216	.369656
32	.093181	.462837
33	.095152	.557989
34	.091825	.649814
35	.083757	.733571
36	.072211	.805782
37	.058844	.864627
38	.045317	.909944
39	.032974	.942917
40	.022662	.965579
41	.014704	.980283
42	.009004	.989287
43	.005199	.994486
44	.002829	.997315
45	.001450	.998765
46	.000699	.999463
47	.000316	.999780
48	.000134	.999914
49	.000054	.999968
50	.000020	.999987
51	.000007	.999994
52	.000002	.999997
53	.000001	.999997
54	.000000	.999997

p=.48

x	Individual Term	Cumulative (x or less)
13	.000000	.000000
14	.000001	.000001
15	.000003	.000004
16	.000009	.000013
17	.000027	.000040
18	.000072	.000112
19	.000183	.000295
20	.000431	.000726
21	.000947	.001673
22	.001946	.003619
23	.003749	.007368
24	.006778	.014146
25	.011511	.025657
26	.018391	.044048
27	.027665	.071713
28	.039218	.110931
29	.052429	.163359
30	.066141	.229500
31	.078778	.308278
32	.088625	.396904
33	.094203	.491107
34	.094630	.585737
35	.089846	.675583
36	.080631	.756214
37	.068394	.824608
38	.054826	.879434
39	.041525	.920959
40	.029706	.950665
41	.020064	.970729
42	.012788	.983517
43	.007687	.991204
44	.004354	.995558
45	.002322	.997880
46	.001165	.999045
47	.000549	.999594
48	.000243	.999837
49	.000101	.999938
50	.000039	.999977
51	.000014	.999991
52	.000005	.999996
53	.000001	.999997
54	.000000	.999998

n=
70

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
15	.000001	.000002	15	.000001	.000001
16	.000004	.000006	16	.000002	.000003
17	.000014	.000020	17	.000007	.000010
18	.000038	.000058	18	.000020	.000029
19	.000101	.000159	19	.000054	.000083
20	.000246	.000405	20	.000137	.000220
21	.000564	.000969	21	.000326	.000547
22	.001206	.002175	22	.000727	.001274
23	.002419	.004593	23	.001518	.002791
24	.004551	.009144	24	.002971	.005763
25	.008045	.017189	25	.005468	.011231
26	.013377	.030566	26	.009464	.020696
27	.020945	.051511	27	.015423	.036119
28	.030905	.082416	28	.023686	.059805
29	.043003	.125419	29	.034303	.094108
30	.050466	.181885	30	.046881	.140990
31	.070002	.251887	31	.060492	.201482
32	.081970	.333856	32	.073725	.275206
33	.090688	.424544	33	.084895	.360101
34	.094819	.519363	34	.092386	.452487
35	.093704	.613067	35	.095025	.547513
36	.087528	.700595	36	.092386	.639899
37	.077277	.777872	37	.084895	.724794
38	.064477	.842349	38	.073725	.798518
39	.050830	.893179	39	.060492	.859010
40	.037848	.931027	40	.046881	.905892
41	.026608	.957635	41	.034303	.940195
42	.017652	.975287	42	.023686	.963881
43	.011043	.986330	43	.015423	.979304
44	.006511	.992841	44	.009464	.988768
45	.003614	.996455	45	.005468	.994237
46	.001887	.998342	46	.002972	.997208
47	.000926	.999268	47	.001518	.998726
48	.000426	.999695	48	.000727	.999453
49	.000184	.999879	49	.000326	.999780
50	.000074	.999953	50	.000137	.999917
51	.000028	.999981	51	.000054	.999971
52	.000010	.999991	52	.000020	.999990
53	.000003	.999994	53	.000007	.999997
54	.000001	.999995	54	.000002	.999999
55	.000000	.999995	55	.000001	1.000000
			56	.000000	1.000000

50-100 BINOMIAL TABLES

n=
75

p=.01

x	Individual Term	Cumulative (x or less)
0	.470587	.470587
1	.356505	.827092
2	.133239	.960331
3	.032749	.993080
4	.005954	.999035
5	.000854	.999889
6	.000101	.999989
7	.000010	.999999
8	.000001	1.000001
9	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.219764	.219764
1	.336373	.556136
2	.253996	.810132
3	.126134	.936266
4	.046335	.982601
5	.013428	.996029
6	.003197	.999226
7	.000643	.999869
8	.000112	.999981
9	.000017	.999998
10	.000002	1.000000
11	.000000	1.000001

p=.03

x	Individual Term	Cumulative (x or less)
0	.101831	.101831
1	.236206	.338037
2	.270297	.608334
3	.203420	.811754
4	.113244	.924998
5	.049734	.974732
6	.017945	.992677
7	.005471	.998148
8	.001438	.999586
9	.000331	.999917
10	.000068	.999985
11	.000012	.999997
12	.000002	.999999
13	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.046810	.046810
1	.146283	.193093
2	.225519	.418612
3	.228651	.647263
4	.171488	.818752
5	.101464	.920216
6	.049123	.969538
7	.020258	.989796
8	.007175	.996971
9	.002225	.999196
10	.000612	.999808
11	.000151	.999959
12	.000033	.999992
13	.000007	.999999
14	.000001	1.000001
15	.000000	1.000001

p=.05

x	Individual Term	Cumulative (x or less)
0	.021344	.021344
1	.084252	.105595
2	.164069	.269664
3	.210123	.479787
4	.199064	.678851
5	.148774	.827626
6	.091353	.918978
7	.047393	.966372
8	.021202	.987574
9	.008307	.995881
10	.002886	.998767
11	.000897	.999665
12	.000252	.999916
13	.000064	.999981
14	.000015	.999996
15	.000003	.999999
16	.000001	1.000000
17	.000000	1.000000

p=.06

x	Individual Term	Cumulative (x or less)
0	.009651	.009651
1	.046203	.055855
2	.109119	.164973
3	.169482	.334455
4	.194724	.529179
5	.176494	.705674
6	.131432	.837106
7	.082694	.919800
8	.044866	.964666
9	.021319	.985985
10	.008981	.994967
11	.003388	.998354
12	.001153	.999507
13	.000357	.999864
14	.000101	.999965
15	.000026	.999991
16	.000006	.999997
17	.000001	.999999
18	.000000	.999999

n=
75

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.004327	.004327	0	.001923	.001923	0	.000847	.000847
1	.024429	.028756	1	.012544	.014468	1	.006286	.007133
2	.068032	.096788	2	.040360	.054828	2	.023002	.030136
3	.124604	.221392	3	.085400	.140228	3	.055357	.085492
4	.168818	.390210	4	.133670	.273898	4	.098548	.184040
5	.180435	.570645	5	.165053	.438950	5	.138400	.322440
6	.158447	.729092	6	.167445	.606395	6	.159692	.482132
7	.117557	.846649	7	.143524	.749920	7	.155681	.637813
8	.075211	.921861	8	.106083	.856003	8	.130875	.768687
9	.042144	.964004	9	.068672	.924675	9	.096358	.865046
10	.020936	.984940	10	.039412	.964087	10	.062898	.927943
11	.009312	.994252	11	.020251	.984338	11	.036758	.964701
12	.003738	.997990	12	.009392	.993729	12	.019389	.984090
13	.001363	.999353	13	.003958	.997687	13	.009293	.993383
14	.000454	.999808	14	.001524	.999211	14	.004070	.997454
15	.000139	.999947	15	.000539	.999750	15	.001637	.999091
16	.000039	.999986	16	.000176	.999926	16	.000607	.999698
17	.000010	.999996	17	.000053	.999979	17	.000208	.999906
18	.000002	.999999	18	.000015	.999994	18	.000066	.999973
19	.000001	1.000000	19	.000004	.999998	19	.000020	.999992
20	.000000	1.000000	20	.000001	.999999	20	.000005	.999998
			21	.000000	.999999	21	.000001	.999999
						22	.000000	.999999
						23	.000000	1.000000

50-100 BINOMIAL TABLES

n=
75

p=.10

x	Individual Term	Cumulative (x or less)
0	.000370	.000370
1	.003083	.003453
2	.012676	.016129
3	.034271	.050400
4	.068542	.118941
5	.108144	.227085
6	.140186	.367271
7	.153537	.520808
8	.145007	.665816
9	.119944	.785760
10	.087959	.873719
11	.057751	.931470
12	.034223	.965693
13	.018428	.984121
14	.009068	.993188
15	.004097	.997285
16	.001707	.998993
17	.000658	.999651
18	.000236	.999887
19	.000079	.999965
20	.000024	.999990
21	.000007	.999997
22	.000002	.999999
23	.000000	.999999

p=.11

x	Individual Term	Cumulative (x or less)
0	.000160	.000160
1	.001484	.001644
2	.006785	.008428
3	.020404	.028833
4	.045394	.074226
5	.079669	.153895
6	.114878	.268774
7	.139956	.408730
8	.147033	.555763
9	.135285	.691047
10	.110356	.801403
11	.080597	.882000
12	.053128	.935128
13	.031821	.966949
14	.017418	.984367
15	.008754	.993121
16	.004058	.997178
17	.001740	.998919
18	.000693	.999612
19	.000257	.999869
20	.000089	.999958
21	.000029	.999987
22	.000009	.999995
23	.000002	.999998
24	.000001	.999999
25	.000000	.999999

p=.12

x	Individual Term	Cumulative (x or less)
0	.000069	.000069
1	.000701	.000770
2	.003539	.004309
3	.011743	.016051
4	.028822	.044874
5	.055811	.100685
6	.088790	.189475
7	.119348	.308822
8	.138335	.447157
9	.140431	.587587
10	.126388	.713975
11	.101841	.815816
12	.074066	.889882
13	.048946	.938828
14	.029558	.968386
15	.016391	.984778
16	.008382	.993160
17	.003967	.997127
18	.001743	.998870
19	.000713	.999583
20	.000272	.999855
21	.000097	.999952
22	.000033	.999985
23	.000010	.999995
24	.000003	.999998
25	.000001	.999999
26	.000000	.999999

n=
75

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000029	.000029	0	.000012	.000012	0	.000005	.000005
1	.000326	.000355	1	.000149	.000162	1	.000067	.000072
2	.001803	.002159	2	.000899	.001061	2	.000440	.000512
3	.006557	.008715	3	.003562	.004623	3	.001888	.002400
4	.017635	.026350	4	.010439	.015062	4	.005996	.008395
5	.037419	.063769	5	.024130	.039192	5	.015025	.023420
6	.065232	.129001	6	.045828	.085020	6	.030933	.054353
7	.096081	.225082	7	.073538	.158558	7	.053808	.108161
8	.122034	.347115	8	.101757	.260315	8	.080712	.188874
9	.135749	.482864	9	.123317	.383632	9	.106034	.294908
10	.133876	.616740	10	.132494	.516126	10	.123498	.418406
11	.118208	.734948	11	.127452	.643578	11	.128782	.547187
12	.094204	.829153	12	.110656	.754235	12	.121206	.668393
13	.068217	.897370	13	.087298	.841532	13	.103656	.772049
14	.045142	.942511	14	.062935	.904468	14	.081008	.853058
15	.027431	.969943	15	.041664	.946132	15	.058135	.911193
16	.015371	.985313	16	.025435	.971567	16	.038472	.949665
17	.007971	.993285	17	.014370	.985937	17	.023562	.973227
18	.003838	.997123	18	.007538	.993474	18	.013398	.986626
19	.001720	.998843	19	.003681	.997156	19	.007093	.993719
20	.000720	.999563	20	.001678	.998834	20	.003505	.997224
21	.000282	.999845	21	.000715	.999549	21	.001620	.998844
22	.000103	.999948	22	.000286	.999835	22	.000702	.999545
23	.000036	.999984	23	.000107	.999942	23	.000285	.999831
24	.000012	.999995	24	.000038	.999980	24	.000109	.999940
25	.000004	.999999	25	.000013	.999993	25	.000039	.999979
26	.000001	1.000000	26	.000004	.999996	26	.000013	.999992
27	.000000	1.000000	27	.000001	.999998	27	.000004	.999997
			28	.000000	.999998	28	.000001	.999998
						29	.000000	.999998

50-100 BINOMIAL TABLES

n=
75

p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000002	.000002	0	.000001	.000001	0	.000000	.000000
1	.000030	.000032	1	.000013	.000014	1	.000006	.000006
2	.000211	.000243	2	.000099	.000113	2	.000046	.000052
3	.000977	.001220	3	.000495	.000608	3	.000245	.000297
4	.003350	.004570	4	.001824	.002432	4	.000970	.001267
5	.009061	.013631	5	.005306	.007738	5	.003022	.004289
6	.020136	.033766	6	.012678	.020416	6	.007740	.012030
7	.037805	.071572	7	.025596	.046012	7	.016748	.028778
8	.061209	.132781	8	.044562	.090574	8	.031250	.060028
9	.086793	.219574	9	.067947	.158521	9	.051067	.111095
10	.109112	.328686	10	.091851	.250372	10	.073985	.185080
11	.122810	.451495	11	.111167	.361539	11	.095967	.281047
12	.124759	.576254	12	.121435	.482974	12	.112352	.393399
13	.115162	.691416	13	.120535	.603508	13	.119519	.512918
14	.097144	.788560	14	.109332	.712840	14	.116187	.629105
15	.075248	.863808	15	.091066	.803905	15	.103718	.732823
16	.053748	.917556	16	.069945	.873851	16	.085378	.818201
17	.035531	.953087	17	.049720	.923571	17	.065044	.883245
18	.021807	.974894	18	.032814	.956384	18	.046007	.929252
19	.012461	.987356	19	.020163	.976547	19	.030297	.959549
20	.006646	.994002	20	.011563	.988110	20	.018622	.978170
21	.003316	.997317	21	.006203	.994313	21	.010706	.988876
22	.001550	.998868	22	.003118	.997432	22	.005768	.994644
23	.000680	.999548	23	.001472	.998903	23	.002918	.997562
24	.000281	.999829	24	.000653	.999557	24	.001388	.998950
25	.000109	.999938	25	.000273	.999830	25	.000621	.999571
26	.000040	.999978	26	.000107	.999937	26	.000262	.999834
27	.000014	.999992	27	.000040	.999977	27	.000105	.999938
28	.000005	.999996	28	.000014	.999991	28	.000039	.999977
29	.000001	.999998	29	.000005	.999996	29	.000014	.999991
30	.000000	.999998	30	.000001	.999997	30	.000005	.999996
			31	.000000	.999998	31	.000002	.999998
						32	.000000	.999998

n=
75

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000002	.000003	1	.000001	.000001	2	.000004	.000005
2	.000021	.000023	2	.000009	.000010	3	.000027	.000031
3	.000119	.000143	3	.000057	.000067	4	.000127	.000159
4	.000504	.000646	4	.000256	.000323	5	.000481	.000639
5	.001678	.002324	5	.000909	.001232	6	.001491	.002131
6	.004592	.006916	6	.002651	.003883	7	.003908	.006038
7	.010616	.017532	7	.006532	.010415	8	.008829	.014867
8	.021167	.038700	8	.013841	.024296	9	.017472	.032339
9	.036963	.075663	9	.025834	.050129	10	.030653	.062992
10	.057224	.132887	10	.042625	.092755	11	.048149	.111141
11	.079318	.212205	11	.062969	.155724	12	.068262	.179402
12	.099229	.311433	12	.083959	.239683	13	.087936	.267338
13	.112798	.424231	13	.101720	.341403	14	.103519	.370857
14	.117175	.541406	14	.112618	.454021	15	.111906	.482763
15	.111774	.653180	15	.114495	.568516	16	.111552	.594315
16	.098320	.751500	16	.107339	.675855	17	.102913	.697228
17	.080041	.831541	17	.093133	.768988	18	.088149	.785377
18	.060497	.892038	18	.075023	.844012	19	.070296	.855674
19	.042572	.934611	19	.056268	.900279	20	.052322	.907995
20	.027961	.962572	20	.039387	.939666	21	.036427	.944422
21	.017178	.979749	21	.025789	.965456	22	.023767	.968189
22	.009890	.99639	22	.015825	.981281	23	.014559	.982748
23	.005346	.994985	23	.009117	.990398	24	.008385	.991133
24	.002717	.997702	24	.004938	.995336	25	.004547	.995680
25	.001300	.999002	25	.002518	.997854	26	.002324	.998005
26	.000586	.999589	26	.001211	.999065	27	.001121	.999126
27	.000250	.999839	27	.000549	.999615	28	.000511	.999637
28	.000100	.999939	28	.000235	.999850	29	.000220	.999857
29	.000038	.999977	29	.000095	.999945	30	.000090	.999947
30	.000014	.999991	30	.000037	.999982	31	.000035	.999981
31	.000005	.999996	31	.000013	.999995	32	.000013	.999994
32	.000002	.999997	32	.000005	1.000000	33	.000004	.999998
33	.000000	.999998	33	.000001	1.000002	34	.000001	1.000000
			34	.000000	1.000002	35	.000000	1.000001

50-100 BINOMIAL TABLES

n=
75

p=.22

x	Individual Term	Cumulative (x or less)
2	.000002	.000002
3	.000012	.000014
4	.000062	.000076
5	.000249	.000325
6	.000819	.001144
7	.002276	.003419
8	.005456	.008875
9	.011456	.020331
10	.021325	.041656
11	.035542	.077198
12	.053465	.130663
13	.073079	.203742
14	.091282	.295025
15	.104702	.399726
16	.110742	.510468
17	.108403	.618871
18	.098520	.717392
19	.083363	.800755
20	.065836	.866591
21	.048633	.915225
22	.033669	.948894
23	.021883	.970777
24	.013373	.984150
25	.007695	.991844
26	.004174	.996018
27	.002136	.998154
28	.001033	.999187
29	.000472	.999660
30	.000204	.999864
31	.000084	.999947
32	.000032	.999980
33	.000012	.999992
34	.000004	.999996
35	.000001	.999997
36	.000000	.999998

p=.23

x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000006	.000006
4	.000030	.000036
5	.000126	.000162
6	.000439	.000601
7	.001292	.001892
8	.003280	.005172
9	.007293	.012465
10	.014378	.026843
11	.025378	.052221
12	.040428	.092649
13	.058522	.151172
14	.077414	.228586
15	.094037	.322623
16	.105334	.427957
17	.109196	.537152
18	.105099	.642252
19	.094180	.736431
20	.078768	.815200
21	.061622	.876821
22	.045179	.922001
23	.031098	.953098
24	.020126	.973224
25	.012264	.985488
26	.007045	.992533
27	.003819	.996351
28	.001955	.998307
29	.000947	.999253
30	.000434	.999687
31	.000188	.999875
32	.000077	.999952
33	.000030	.999982
34	.000011	.999993
35	.000004	.999997
36	.000001	.999999
37	.000000	.999999

p=.24

x	Individual Term	Cumulative (x or less)
2	.000000	.000000
3	.000002	.000003
4	.000014	.000017
5	.000062	.000079
6	.000230	.000309
7	.000715	.001024
8	.001920	.002944
9	.004514	.007459
10	.009408	.016867
11	.017556	.034423
12	.029569	.063992
13	.045251	.109242
14	.063283	.172525
15	.081268	.253794
16	.096239	.350032
17	.105476	.455508
18	.107326	.562834
19	.101677	.664511
20	.089904	.754415
21	.074357	.828772
22	.057635	.886407
23	.041941	.928348
24	.028696	.957044
25	.018486	.975530
26	.011227	.986757
27	.006434	.993191
28	.003483	.996674
29	.001783	.998456
30	.000863	.999320
31	.000396	.999715
32	.000172	.999887
33	.000071	.999958
34	.000028	.999985
35	.000010	.999996
36	.000004	.999999
37	.000001	1.000001
38	.000000	1.000001

n=
75

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
3	.000001	.000001	3	.000000	.000001	4	.000001	.000001
4	.000006	.000008	4	.000003	.000003	5	.000007	.000008
5	.000030	.000038	5	.000014	.000018	6	.000029	.000037
6	.000118	.000156	6	.000059	.000077	7	.000105	.000143
7	.000387	.000542	7	.000204	.000281	8	.000332	.000474
8	.001096	.001638	8	.000610	.000891	9	.000913	.001387
9	.002719	.004358	9	.001596	.002487	10	.002229	.003617
10	.005983	.010340	10	.003701	.006188	11	.004872	.008489
11	.011784	.022125	11	.007684	.013872	12	.009610	.018099
12	.020950	.043074	12	.014398	.028270	13	.017226	.035325
13	.033842	.076916	13	.024516	.052787	14	.028215	.063540
14	.049957	.126873	14	.038147	.090934	15	.042439	.105979
15	.067719	.194592	15	.054505	.145439	16	.058862	.164842
16	.084649	.279242	16	.071815	.217254	17	.075558	.240400
17	.097928	.377169	17	.087570	.304824	18	.090049	.330449
18	.105182	.482351	18	.099141	.403965	19	.099917	.430366
19	.105182	.587532	19	.104500	.508466	20	.103476	.533842
20	.098169	.685702	20	.102806	.611271	21	.100236	.634077
21	.085703	.771405	21	.094602	.705873	22	.090999	.725076
22	.070121	.841526	22	.081586	.787459	23	.077558	.802634
23	.053861	.895387	23	.066055	.853514	24	.062152	.864786
24	.038900	.934287	24	.050285	.903799	25	.046895	.911681
25	.026452	.960739	25	.036042	.939841	26	.033355	.945037
26	.016956	.977695	26	.024353	.964194	27	.022389	.967426
27	.010257	.987953	27	.015528	.979722	28	.014196	.981622
28	.005861	.993814	28	.009353	.989075	29	.008510	.990131
29	.003167	.996981	29	.005326	.994401	30	.004826	.994957
30	.001618	.998599	30	.002869	.997270	31	.002591	.997548
31	.000783	.999382	31	.001463	.998733	32	.001318	.998866
32	.000359	.999741	32	.000707	.999440	33	.000635	.999501
33	.000156	.999897	33	.000324	.999764	34	.000290	.999791
34	.000064	.999961	34	.000140	.999904	35	.000126	.999917
35	.000025	.999986	35	.000058	.999962	36	.000052	.999969
36	.000009	.999995	36	.000023	.999985	37	.000020	.999989
37	.000003	.999999	37	.000008	.999993	38	.000007	.999996
38	.000001	1.000000	38	.000003	.999996	39	.000003	.999999
39	.000000	1.000001	39	.000001	.999997	40	.000001	1.000000
			40	.000000	.999997	41	.000000	1.000000

50-100 BINOMIAL TABLES

n=
75

p=.28

x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000003	.000004
6	.000014	.000018
7	.000053	.000071
8	.000176	.000247
9	.000510	.000757
10	.001308	.002065
11	.003006	.005071
12	.006236	.011307
13	.011752	.023059
14	.020239	.043298
15	.032008	.075306
16	.046678	.121984
17	.063000	.184985
18	.078945	.263929
19	.092102	.356032
20	.100289	.456321
21	.102146	.558467
22	.097503	.655970
23	.087376	.743346
24	.073622	.816969
25	.058407	.875376
26	.043681	.919057
27	.030828	.949885
28	.020552	.970437
29	.012953	.983390
30	.007724	.991114
31	.004360	.995474
32	.002332	.997806
33	.001181	.998988
34	.000568	.999555
35	.000259	.999814
36	.000112	.999925
37	.000046	.999971
38	.000018	.999989
39	.000007	.999996
40	.000002	.999998
41	.000001	.999999
42	.000000	.999999

p=.29

x	Individual Term	Cumulative (x or less)
5	.000001	.000002
6	.000007	.000008
7	.000026	.000034
8	.000091	.000126
9	.000278	.000404
10	.000749	.001152
11	.001807	.002959
12	.003936	.006895
13	.007792	.014687
14	.014094	.028781
15	.023410	.052191
16	.035857	.088049
17	.050830	.138879
18	.066898	.205777
19	.081974	.287751
20	.093751	.381502
21	.100290	.481792
22	.100547	.582339
23	.094636	.676975
24	.083751	.760725
25	.069784	.830509
26	.054814	.885324
27	.040632	.925956
28	.028450	.954406
29	.018833	.973239
30	.011795	.985035
31	.006994	.992028
32	.003928	.995956
33	.002090	.998046
34	.001055	.999101
35	.000505	.999606
36	.000229	.999835
37	.000099	.999933
38	.000040	.999973
39	.000016	.999989
40	.000006	.999995
41	.000002	.999997
42	.000001	.999997
43	.000000	.999998

p=.30

x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000003	.000004
7	.000013	.000016
8	.000046	.000063
9	.000148	.000211
10	.000418	.000628
11	.001058	.001687
12	.002419	.004106
13	.005024	.009130
14	.009536	.018667
15	.016620	.035287
16	.026711	.061998
17	.039730	.101728
18	.054865	.156593
19	.070541	.227134
20	.084649	.311783
21	.095014	.406797
22	.099950	.506747
23	.098708	.605456
24	.091658	.697113
25	.080135	.777249
26	.066045	.843294
27	.051369	.894663
28	.037740	.932403
29	.026214	.958617
30	.017226	.975843
31	.010717	.986559
32	.006315	.992875
33	.003527	.996401
34	.001867	.998268
35	.000937	.999206
36	.000446	.999652
37	.000202	.999854
38	.000086	.999940
39	.000035	.999975
40	.000014	.999989
41	.000005	.999994
42	.000002	.999996
43	.000001	.999996
44	.000000	.999996

50-100 BINOMIAL TABLES

n=
75

p=.31		
x	Individual Term	Cumulative (x or less)
6	.000001	.000002
7	.000006	.000008
8	.000023	.000031
9	.000077	.000107
10	.000228	.000335
11	.000604	.000940
12	.001448	.002388
13	.003153	.005541
14	.006274	.011815
15	.011463	.023279
16	.019313	.042592
17	.030114	.072706
18	.043595	.116301
19	.058758	.175059
20	.073916	.248975
21	.086975	.335951
22	.095914	.431864
23	.099298	.531162
24	.096660	.627822
25	.088591	.716412
26	.076542	.792954
27	.062408	.855362
28	.048066	.903428
29	.034999	.938427
30	.024110	.962537
31	.015724	.978261
32	.009714	.987974
33	.005687	.993661
34	.003156	.996817
35	.001661	.998478
36	.000829	.999307
37	.000393	.999700
38	.000176	.999876
39	.000075	.999951
40	.000030	.999982
41	.000012	.999993
42	.000004	.999997
43	.000001	.999999
44	.000000	.999999
45	.000000	1.000000

p=.32		
x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000003	.000004
8	.000011	.000015
9	.000039	.000054
10	.000121	.000175
11	.000337	.000511
12	.000845	.001357
13	.001927	.003284
14	.004016	.007300
15	.007686	.014987
16	.013564	.028551
17	.022153	.050704
18	.033592	.084296
19	.047424	.131720
20	.062488	.194208
21	.077016	.271224
22	.088959	.360183
23	.096468	.456651
24	.098359	.555010
25	.094425	.649435
26	.085452	.734887
27	.072979	.807866
28	.058874	.866739
29	.044902	.911641
30	.032400	.944041
31	.022133	.966173
32	.014321	.980494
33	.008782	.989276
34	.005105	.994381
35	.002814	.997195
36	.001471	.998666
37	.000730	.999396
38	.000343	.999740
39	.000153	.999893
40	.000065	.999958
41	.000026	.999984
42	.000010	.999994
43	.000004	.999997
44	.000001	.999999
45	.000000	.999999

p=.33		
x	Individual Term	Cumulative (x or less)
7	.000001	.000002
8	.000005	.000007
9	.000019	.000026
10	.000063	.000089
11	.000183	.000272
12	.000481	.000753
13	.001148	.001900
14	.002503	.004403
15	.005013	.009417
16	.009260	.018677
17	.015829	.034505
18	.025121	.059627
19	.037120	.096746
20	.051192	.147938
21	.066036	.213974
22	.079835	.293809
23	.090611	.384419
24	.096696	.481116
25	.097158	.578274
26	.092027	.670301
27	.082260	.752560
28	.069456	.822016
29	.055443	.877460
30	.041872	.919332
31	.029937	.949269
32	.020275	.969544
33	.013012	.982556
34	.007917	.990473
35	.004568	.995041
36	.002500	.997540
37	.001298	.998838
38	.000639	.999477
39	.000299	.999776
40	.000132	.999909
41	.000056	.999964
42	.000022	.999986
43	.000008	.999995
44	.000003	.999998
45	.000001	.999999
46	.000000	.999999

50-100 BINOMIAL TABLES

n=
75

p=.34		
x	Individual Term	Cumulative (x or less)
7	.000001	.000001
8	.000002	.000003
9	.000009	.000013
10	.000032	.000044
11	.000097	.000141
12	.000267	.000408
13	.000666	.001074
14	.001519	.002593
15	.003182	.005776
16	.006148	.011923
17	.010992	.022915
18	.018245	.041160
19	.028197	.069358
20	.040672	.110030
21	.054876	.164906
22	.069388	.234294
23	.082370	.316663
24	.091938	.408601
25	.096618	.505220
26	.095718	.600938
27	.089487	.690424
28	.079027	.769452
29	.065980	.835432
30	.052118	.887549
31	.038974	.926523
32	.027606	.954129
33	.018531	.972660
34	.011792	.984452
35	.007116	.991568
36	.004073	.995642
37	.002212	.997854
38	.001139	.998993
39	.000557	.999550
40	.000258	.999808
41	.000114	.999922
42	.000047	.999969
43	.000019	.999988
44	.000007	.999995
45	.000002	.999997
46	.000001	.999998
47	.000000	.999998

p=.35		
x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000004	.000006
10	.000016	.000022
11	.000050	.000072
12	.000144	.000216
13	.000377	.000593
14	.000898	.001491
15	.001967	.003458
16	.003971	.007429
17	.007422	.014851
18	.012877	.027728
19	.020801	.048529
20	.031362	.079891
21	.044228	.124119
22	.058456	.182575
23	.072532	.255107
24	.084620	.339727
25	.092952	.432679
26	.096252	.528932
27	.094059	.622990
28	.086823	.709814
29	.075769	.785583
30	.062558	.848140
31	.048898	.897038
32	.036203	.933241
33	.025401	.958642
34	.016896	.975538
35	.010657	.986195
36	.006376	.992572
37	.003619	.996191
38	.001949	.998139
39	.000995	.999135
40	.000482	.999617
41	.000222	.999839
42	.000097	.999936
43	.000040	.999975
44	.000016	.999991
45	.000006	.999997
46	.000002	.999999
47	.000001	1.000000
48	.000000	1.000000

p=.36		
x	Individual Term	Cumulative (x or less)
8	.000000	.000001
9	.000002	.000003
10	.000008	.000010
11	.000025	.000036
12	.000076	.000112
13	.000208	.000320
14	.000518	.000837
15	.001184	.002021
16	.002497	.004518
17	.004875	.009393
18	.008835	.018228
19	.014910	.033138
20	.023483	.056621
21	.034596	.091217
22	.047765	.138982
23	.061913	.200896
24	.075457	.276353
25	.086587	.362940
26	.093604	.456603
27	.095615	.552218
28	.092200	.644419
29	.084053	.728472
30	.072496	.800968
31	.059195	.860163
32	.045784	.905947
33	.033557	.939504
34	.023317	.962822
35	.015365	.978186
36	.009603	.987789
37	.005694	.993483
38	.003203	.996685
39	.001709	.998394
40	.000865	.999259
41	.000415	.999675
42	.000189	.999864
43	.000082	.999946
44	.000033	.999979
45	.000013	.999992
46	.000005	.999997
47	.000002	.999998
48	.000001	.999999
49	.000000	.999999

n=
75

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
9	.000001	.000001	9	.000000	.000001	10	.000001	.000001
10	.000004	.000005	10	.000002	.000002	11	.000003	.000004
11	.000013	.000017	11	.000006	.000008	12	.000010	.000013
12	.000039	.000057	12	.000020	.000028	13	.000030	.000043
13	.000112	.000168	13	.000059	.000087	14	.000085	.000128
14	.000291	.000459	14	.000159	.000246	15	.000221	.000349
15	.000694	.001153	15	.000396	.000642	16	.000529	.000878
16	.001529	.002682	16	.000911	.001553	17	.001174	.002052
17	.003116	.005797	17	.001938	.003492	18	.002418	.004470
18	.005896	.011693	18	.003828	.007319	19	.004638	.009108
19	.010388	.022082	19	.007038	.014358	20	.008303	.017411
20	.017083	.039165	20	.012079	.026436	21	.013903	.031315
21	.026277	.065442	21	.019389	.045826	22	.021818	.053133
22	.037880	.103322	22	.029169	.074994	23	.032144	.085277
23	.051264	.154586	23	.041196	.116191	24	.044528	.129806
24	.065233	.219820	24	.054707	.170898	25	.058076	.187882
25	.078156	.297975	25	.068401	.239299	26	.071405	.259287
26	.088271	.386246	26	.080622	.319921	27	.082851	.342138
27	.094083	.480330	27	.089676	.409598	28	.090806	.432944
28	.094723	.575053	28	.094222	.503820	29	.094091	.527035
29	.090161	.665214	29	.093593	.597413	30	.092240	.619275
30	.081192	.746406	30	.087958	.685371	31	.085606	.704381
31	.069219	.815625	31	.078256	.763627	32	.075256	.780138
32	.055897	.871523	32	.065949	.829576	33	.062695	.842833
33	.042777	.914299	33	.052669	.882245	34	.049515	.892348
34	.031034	.945333	34	.039877	.922122	35	.037084	.929432
35	.021351	.966684	35	.028630	.950752	36	.026344	.955776
36	.013933	.980617	36	.019497	.970250	37	.017753	.973529
37	.008625	.989242	37	.012596	.982846	38	.011350	.984880
38	.005065	.994308	38	.007720	.990566	39	.006885	.991764
39	.002822	.997130	39	.004489	.995055	40	.003962	.995726
40	.001492	.998622	40	.002476	.997531	41	.002162	.997888
41	.000748	.999370	41	.001296	.998827	42	.001119	.999007
42	.000356	.999725	42	.000643	.999470	43	.000549	.999556
43	.000160	.999886	43	.000302	.999772	44	.000255	.999811
44	.000068	.999954	44	.000135	.999907	45	.000112	.999924
45	.000028	.999982	45	.000057	.999964	46	.000047	.999971
46	.000011	.999992	46	.000023	.999986	47	.000018	.999989
47	.000004	.999996	47	.000009	.999995	48	.000007	.999996
48	.000001	.999997	48	.000003	.999998	49	.000002	.999998
49	.000000	.999998	49	.000001	.999999	50	.000001	.999999
			50	.000000	.999999	51	.000000	1.000000

50-100 BINOMIAL TABLES

n=
75

p=.40

x	Individual Term	Cumulative (x or less)
10	.000000	.000000
11	.000001	.000002
12	.000005	.000006
13	.000015	.000021
14	.000044	.000065
15	.000120	.000185
16	.000299	.000484
17	.000692	.001176
18	.001487	.002663
19	.002973	.005636
20	.005550	.011187
21	.009691	.020878
22	.015858	.036736
23	.024362	.061098
24	.035190	.096288
25	.047858	.144146
26	.061356	.205502
27	.074233	.279735
28	.084838	.364573
29	.091664	.456237
30	.093701	.549938
31	.090679	.640617
32	.083122	.723739
33	.072207	.795946
34	.059465	.855410
35	.046439	.901849
36	.034399	.936249
37	.024172	.960421
38	.016115	.976536
39	.010192	.986729
40	.006115	.992844
41	.003480	.996324
42	.001878	.998203
43	.000961	.999164
44	.000466	.999630
45	.000214	.999844
46	.000093	.999937
47	.000038	.999975
48	.000015	.999990
49	.000005	.999995
50	.000002	.999997
51	.000001	.999998
52	.000000	.999998

p=.41

x	Individual Term	Cumulative (x or less)
11	.000001	.000001
12	.000002	.000003
13	.000007	.000010
14	.000022	.000033
15	.000063	.000096
16	.000165	.000261
17	.000397	.000658
18	.000890	.001547
19	.001855	.003402
20	.003609	.007011
21	.006568	.013578
22	.011203	.024781
23	.017939	.042720
24	.027010	.069730
25	.038290	.108020
26	.051170	.159190
27	.064533	.223723
28	.076877	.300600
29	.086582	.387181
30	.092256	.479437
31	.093063	.572500
32	.088922	.661423
33	.080519	.741941
34	.069119	.811061
35	.056266	.867327
36	.043445	.910772
37	.031822	.942594
38	.022114	.964708
39	.014579	.979287
40	.009118	.988405
41	.005409	.993814
42	.003043	.996857
43	.001623	.998480
44	.000820	.999300
45	.000393	.999693
46	.000178	.999871
47	.000076	.999947
48	.000031	.999978
49	.000012	.999990
50	.000004	.999994
51	.000001	.999995
52	.000000	.999996

p=.42

x	Individual Term	Cumulative (x or less)
11	.000000	.000000
12	.000001	.000001
13	.000003	.000005
14	.000011	.000016
15	.000033	.000048
16	.000088	.000137
17	.000222	.000359
18	.000518	.000877
19	.001126	.002002
20	.002282	.004284
21	.004328	.008613
22	.007693	.016305
23	.012837	.029142
24	.020141	.049283
25	.029752	.079035
26	.041432	.120467
27	.054449	.174917
28	.067592	.242509
29	.079327	.321836
30	.088080	.409916
31	.092587	.502502
32	.092188	.594690
33	.086986	.681676
34	.077811	.759486
35	.066005	.825491
36	.053107	.878599
37	.040536	.919135
38	.029354	.948488
39	.020166	.968654
40	.013143	.981797
41	.008124	.989922
42	.004763	.994684
43	.002647	.997331
44	.001394	.998725
45	.000695	.999420
46	.000328	.999748
47	.000147	.999895
48	.000062	.999957
49	.000025	.999982
50	.000009	.999991
51	.000003	.999994
52	.000001	.999996
53	.000000	.999996

n=
75

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
12	.000000	.000001	12	.000000	.000000	14	.000001	.000002
13	.000002	.000002	13	.000001	.000001	15	.000004	.000005
14	.000005	.000007	14	.000002	.000003	16	.000012	.000017
15	.000016	.000024	15	.000008	.000011	17	.000033	.000050
16	.000046	.000070	16	.000023	.000035	18	.000087	.000137
17	.000121	.000191	17	.000064	.000099	19	.000213	.000350
18	.000294	.000484	18	.000162	.000261	20	.000489	.000839
19	.000665	.001149	19	.000382	.000643	21	.001047	.001886
20	.001404	.002553	20	.000840	.001482	22	.002103	.003989
21	.002774	.005326	21	.001728	.003211	23	.003965	.007954
22	.005136	.010462	22	.003333	.006544	24	.007028	.014982
23	.008928	.019389	23	.006035	.012578	25	.011731	.026713
24	.014592	.033982	24	.010273	.022852	26	.018458	.045171
25	.022457	.056438	25	.016467	.039319	27	.027407	.072578
26	.032579	.089017	26	.024881	.064200	28	.038442	.111020
27	.044603	.133620	27	.035479	.099678	29	.050974	.161994
28	.057682	.191301	28	.047788	.147466	30	.063949	.225944
29	.070523	.261824	29	.060853	.208319	31	.075952	.301895
30	.081576	.343400	30	.073313	.281632	32	.085446	.387341
31	.089332	.432732	31	.083617	.365249	33	.091095	.478436
32	.092662	.525394	32	.090337	.455585	34	.092069	.570505
33	.091086	.616479	33	.092487	.548073	35	.088243	.658747
34	.084882	.701361	34	.089767	.637840	36	.080221	.738968
35	.075011	.776372	35	.082622	.720462	37	.069183	.808151
36	.062874	.839246	36	.072131	.792593	38	.056604	.864755
37	.049995	.889241	37	.059738	.852330	39	.043938	.908693
38	.037716	.926957	38	.046937	.899267	40	.032354	.941047
39	.026993	.953951	39	.034988	.934254	41	.022598	.963645
40	.018327	.972278	40	.024741	.958996	42	.014967	.978612
41	.011802	.984080	41	.016595	.975590	43	.009398	.988010
42	.007208	.991288	42	.010555	.986145	44	.005592	.993602
43	.004173	.995460	43	.006365	.992510	45	.003152	.996754
44	.002289	.997750	44	.003637	.996147	46	.001682	.998436
45	.001190	.998940	45	.001969	.998116	47	.000849	.999285
46	.000585	.999525	46	.001009	.999124	48	.000405	.999690
47	.000272	.999797	47	.000489	.999613	49	.000183	.999873
48	.000120	.999917	48	.000224	.999837	50	.000078	.999951
49	.000050	.999967	49	.000097	.999934	51	.000031	.999982
50	.000020	.999987	50	.000040	.999974	52	.000012	.999994
51	.000007	.999994	51	.000015	.999989	53	.000004	.999998
52	.000003	.999996	52	.000006	.999995	54	.000001	.999999
53	.000001	.999997	53	.000002	.999997			
54	.000000	.999998	54	.000001	.999997	55	.000000	1.000000
			55	.000000	.999997			

50-100 BINOMIAL TABLES

n=
75

p=.46		
x	Individual Term	Cumulative (x or less)
14	.000001	.000001
15	.000002	.000002
16	.000006	.000008
17	.000017	.000025
18	.000045	.000070
19	.000116	.000186
20	.000276	.000462
21	.000617	.001079
22	.001290	.002369
23	.002531	.004900
24	.004672	.009572
25	.008119	.017692
26	.013301	.030993
27	.020563	.051556
28	.030028	.081584
29	.041457	.123040
30	.054149	.177190
31	.066959	.244148
32	.078429	.322577
33	.087055	.409632
34	.091607	.501239
35	.091413	.592652
36	.086522	.679174
37	.077688	.756862
38	.066179	.823041
39	.053484	.876525
40	.041004	.917529
41	.029818	.947347
42	.020562	.967909
43	.013442	.981352
44	.008328	.989680
45	.004887	.994567
46	.002715	.997282
47	.001427	.998709
48	.000709	.999418
49	.000333	.999751
50	.000147	.999898
51	.000062	.999960
52	.000024	.999984
53	.000009	.999993
54	.000003	.999996
55	.000001	.999997
56	.000000	.999997

p=.47		
x	Individual Term	Cumulative (x or less)
15	.000001	.000001
16	.000003	.000004
17	.000008	.000012
18	.000023	.000035
19	.000061	.000096
20	.000152	.000248
21	.000353	.000601
22	.000769	.001370
23	.001571	.002940
24	.003018	.005958
25	.005459	.011417
26	.009310	.020727
27	.014983	.035710
28	.022778	.058488
29	.032736	.091224
30	.044513	.135738
31	.057301	.193039
32	.069869	.262908
33	.080735	.343644
34	.088442	.432085
35	.091874	.523959
36	.090526	.614485
37	.084617	.699103
38	.075038	.774140
39	.063131	.837271
40	.050385	.887656
41	.038143	.925799
42	.027382	.953181
43	.018635	.971816
44	.012018	.983834
45	.007342	.991175
46	.004246	.995421
47	.002323	.997745
48	.001202	.998947
49	.000587	.999534
50	.000271	.999805
51	.000118	.999922
52	.000048	.999971
53	.000019	.999989
54	.000007	.999996
55	.000002	.999998
56	.000001	.999999
57	.000000	.999999

p=.48		
x	Individual Term	Cumulative (x or less)
15	.000000	.000001
16	.000001	.000002
17	.000004	.000005
18	.000011	.000017
19	.000031	.000048
20	.000081	.000129
21	.000196	.000326
22	.000445	.000771
23	.000947	.001718
24	.001893	.003611
25	.003565	.007176
26	.006329	.013505
27	.010602	.024107
28	.016777	.040884
29	.025099	.065983
30	.035524	.101507
31	.047601	.149108
32	.060417	.209525
33	.072669	.282194
34	.082862	.365056
35	.089601	.454657
36	.091898	.546555
37	.089414	.635969
38	.082536	.718505
39	.072280	.790786
40	.060048	.850834
41	.047318	.898152
42	.035358	.933510
43	.025048	.958558
44	.016815	.975373
45	.010693	.986066
46	.006437	.992503
47	.003666	.996170
48	.001974	.998144
49	.001004	.999148
50	.000482	.999630
51	.000218	.999848
52	.000093	.999941
53	.000037	.999978
54	.000014	.999992
55	.000005	.999997
56	.000002	.999999
57	.000001	.999999
58	.000000	.999999

n=
75

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
16	.000001	.000001	16	.000000	.000000
17	.000002	.000002	17	.000001	.000001
18	.000005	.000008	18	.000003	.000004
19	.000016	.000024	19	.000008	.000011
20	.000042	.000066	20	.000021	.000032
21	.000106	.000172	21	.000056	.000088
22	.000250	.000422	22	.000137	.000225
23	.000554	.000976	23	.000315	.000540
24	.001154	.002130	24	.000682	.001222
25	.002261	.004391	25	.001392	.002614
26	.004178	.008568	26	.002677	.005291
27	.007284	.015853	27	.004858	.010149
28	.011998	.027850	28	.008328	.018477
29	.018682	.046532	29	.013498	.031975
30	.027522	.074054	30	.020696	.052671
31	.038384	.112438	31	.030043	.082714
32	.050709	.163147	32	.041309	.124023
33	.063484	.226631	33	.053827	.177850
34	.075346	.301977	34	.066492	.244342
35	.084801	.386779	35	.077891	.322233
36	.090529	.477307	36	.086545	.408778
37	.091680	.568987	37	.091223	.500001
38	.088085	.657072	38	.091223	.591224
39	.080290	.737362	39	.086545	.677769
40	.069428	.806789	40	.077891	.755660
41	.056943	.863733	41	.066492	.822152
42	.044289	.908022	42	.053827	.875979
43	.032656	.940678	43	.041309	.917288
44	.022819	.963497	44	.030043	.947330
45	.015103	.978600	45	.020696	.968027
46	.009464	.988064	46	.013498	.981524
47	.005610	.993674	47	.008328	.989852
48	.003144	.996818	48	.004858	.994711
49	.001665	.998483	49	.002677	.997388
50	.000832	.999315	50	.001392	.998780
51	.000392	.999706	51	.000682	.999462
52	.000174	.999880	52	.000315	.999777
53	.000072	.999952	53	.000137	.999914
54	.000028	.999981	54	.000056	.999969
55	.000010	.999991	55	.000021	.999991
56	.000004	.999995	56	.000008	.999998
57	.000001	.999996	57	.000003	1.000002
58	.000000	.999996	58	.000001	1.000003
			59	.000000	1.000003

50-100 BINOMIAL TABLES

n=
80

p=.01

x	Individual Term	Cumulative (x or less)
0	.447523	.447523
1	.361635	.809158
2	.144289	.953447
3	.037894	.991341
4	.007368	.998709
5	.001131	.999840
6	.000143	.999983
7	.000015	.999999
8	.000001	1.000000
9	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.198649	.198649
1	.324325	.522974
2	.261445	.784419
3	.138726	.923145
4	.054500	.977645
5	.016906	.994551
6	.004313	.998863
7	.000930	.999794
8	.000173	.999967
9	.000028	.999995
10	.000004	.999999
11	.000001	1.000000
12	.000000	1.000001

p=.03

x	Individual Term	Cumulative (x or less)
0	.087446	.087446
1	.216361	.303806
2	.264317	.568123
3	.212543	.780666
4	.126540	.907206
5	.059487	.966693
6	.022997	.989691
7	.007519	.997210
8	.002122	.999332
9	.000525	.999857
10	.000115	.999972
11	.000023	.999995
12	.000004	.999999
13	.000001	.999999
14	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.038168	.038168
1	.127226	.165394
2	.209393	.374788
3	.226843	.601630
4	.181947	.783577
5	.115233	.898810
6	.060017	.958827
7	.026436	.985263
8	.010051	.995314
9	.003350	.998665
10	.000991	.999656
11	.000263	.999919
12	.000063	.999982
13	.000014	.999996
14	.000003	.999998
15	.000001	.999999
16	.000000	.999999

p=.05

x	Individual Term	Cumulative (x or less)
0	.016515	.016515
1	.069538	.086054
2	.144567	.230621
3	.197828	.428449
4	.200431	.628880
5	.160345	.789225
6	.105490	.894715
7	.058694	.953409
8	.028188	.981597
9	.011869	.993466
10	.004435	.997901
11	.001485	.999387
12	.000450	.999836
13	.000124	.999960
14	.000031	.999991
15	.000007	.999998
16	.000002	1.000000
17	.000000	1.000001

p=.06

x	Individual Term	Cumulative (x or less)
0	.007083	.007083
1	.036169	.043253
2	.091193	.134446
3	.151342	.285788
4	.185957	.471745
5	.180418	.652163
6	.143951	.796113
7	.097134	.893247
8	.056575	.949822
9	.028889	.978712
10	.013092	.991804
11	.005318	.997122
12	.001952	.999074
13	.000652	.999726
14	.000199	.999925
15	.000056	.999981
16	.000014	.999995
17	.000003	.999999
18	.000001	1.000000
19	.000000	1.000000

n=
80

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.003010	.003010	0	.001268	.001268	0	.000529	.000529
1	.018128	.021138	1	.008819	.010087	1	.004184	.004713
2	.053896	.075034	2	.030291	.040378	2	.016346	.021059
3	.105473	.180507	3	.068485	.108863	3	.042032	.063090
4	.152823	.333329	4	.114637	.223500	4	.080022	.143112
5	.174842	.508172	5	.151521	.375020	5	.120296	.263408
6	.164502	.672674	6	.164696	.539717	6	.148718	.412125
7	.130894	.803568	7	.151398	.691114	7	.155488	.567614
8	.089902	.893469	8	.120131	.811245	8	.140324	.707937
9	.054134	.947604	9	.083569	.894815	9	.111025	.818963
10	.028930	.976534	10	.051595	.946410	10	.077962	.896925
11	.013857	.990391	11	.028551	.974960	11	.049067	.945992
12	.005997	.996388	12	.014275	.989236	12	.027903	.973895
13	.002361	.998749	13	.006493	.995729	13	.014435	.988330
14	.000851	.999599	14	.002702	.998431	14	.006832	.995163
15	.000282	.999881	15	.001034	.999465	15	.002973	.998136
16	.000086	.999967	16	.000365	.999830	16	.001195	.999330
17	.000024	.999992	17	.000120	.999949	17	.000445	.999775
18	.000006	.999998	18	.000036	.999986	18	.000154	.999929
19	.000002	1.000000	19	.000010	.999996	19	.000050	.999979
20	.000000	1.000001	20	.000003	.999999	20	.000015	.999994
			21	.000001	.999999	21	.000004	.999998
			22	.000000	1.000000	22	.000001	.999999
						23	.000000	.999999
						24	.000000	1.000000

50-100 BINOMIAL TABLES

n=
80

p=.10		
x	Individual Term	Cumulative (x or less)
0	.000218	.000218
1	.001942	.002160
2	.008523	.010684
3	.024623	.035306
4	.052665	.087971
5	.088945	.176917
6	.123535	.300452
7	.145105	.445556
8	.147120	.592676
9	.130773	.723449
10	.103166	.826615
11	.072945	.899560
12	.046604	.946164
13	.027086	.973250
14	.014403	.987653
15	.007041	.994695
16	.003178	.997873
17	.001330	.999202
18	.000517	.999719
19	.000187	.999907
20	.000064	.999970
21	.000020	.999991
22	.000006	.999997
23	.000002	.999998
24	.000000	.999999

p=.11		
x	Individual Term	Cumulative (x or less)
0	.000089	.000089
1	.000884	.000973
2	.004314	.005287
3	.013863	.019151
4	.032984	.052134
5	.061965	.114100
6	.095733	.209833
7	.125083	.334915
8	.141070	.475985
9	.139484	.615469
10	.122402	.737871
11	.096271	.834142
12	.068417	.902559
13	.044232	.946791
14	.026163	.972953
15	.014228	.987181
16	.007144	.994325
17	.003324	.997649
18	.001438	.999087
19	.000580	.999667
20	.000219	.999885
21	.000077	.999963
22	.000026	.999988
23	.000008	.999996
24	.000002	.999999
25	.000001	.999999
26	.000000	.999999

p=.12		
x	Individual Term	Cumulative (x or less)
0	.000036	.000036
1	.000395	.000431
2	.002127	.002558
3	.007540	.010098
4	.019792	.029890
5	.041024	.070914
6	.069928	.140842
7	.100805	.241647
8	.125433	.367080
9	.136836	.503917
10	.132482	.636399
11	.114964	.751363
12	.090142	.841505
13	.064297	.905803
14	.041960	.947763
15	.025176	.972939
16	.013947	.986886
17	.007160	.994046
18	.003417	.997463
19	.001521	.998984
20	.000632	.999616
21	.000246	.999863
22	.000090	.999953
23	.000031	.999984
24	.000010	.999994
25	.000003	.999997
26	.000001	.999998
27	.000000	.999998

n=
80

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000015	.000015	0	.000006	.000006	0	.000002	.000002
1	.000173	.000188	1	.000075	.000081	1	.000032	.000034
2	.001023	.001211	2	.000482	.000562	2	.000222	.000256
3	.003976	.005188	3	.002039	.002601	3	.001019	.001275
4	.011437	.016625	4	.006390	.008991	4	.003462	.004737
5	.025977	.042602	5	.015811	.024802	5	.009286	.014023
6	.048521	.091123	6	.032174	.056976	6	.020483	.034506
7	.076645	.167769	7	.055368	.112344	7	.038212	.072718
8	.104507	.272275	8	.082248	.194592	8	.061532	.134250
9	.124927	.397202	9	.107113	.301705	9	.086869	.221119
10	.132538	.529740	10	.123803	.425509	10	.108842	.329961
11	.126029	.655769	11	.128253	.553761	11	.122229	.452190
12	.108283	.764052	12	.120051	.673812	12	.124027	.576217
13	.084635	.848687	13	.102226	.776037	13	.114486	.690703
14	.060523	.909210	14	.079641	.855678	14	.095688	.787391
15	.039792	.949002	15	.057045	.912723	15	.075075	.862466
16	.024155	.973158	16	.037726	.950449	16	.053822	.916289
17	.013588	.986746	17	.023121	.973570	17	.035757	.952046
18	.007107	.993853	18	.013173	.986743	18	.022085	.974131
19	.003465	.997318	19	.006998	.993741	19	.012718	.986849
20	.001579	.998897	20	.003475	.997216	20	.006845	.993695
21	.000674	.999571	21	.001616	.998832	21	.003451	.997146
22	.000270	.999842	22	.000706	.999537	22	.001633	.998779
23	.000102	.999943	23	.000290	.999827	23	.000727	.999506
24	.000036	.999979	24	.000112	.999939	24	.000305	.999811
25	.000012	.999992	25	.000041	.999980	25	.000120	.999931
26	.000004	.999995	26	.000014	.999994	26	.000045	.999976
27	.000001	.999996	27	.000005	.999998	27	.000016	.999992
28	.000000	.999997	28	.000001	1.000000	28	.000005	.999998
			29	.000000	1.000001	29	.000002	.999999
						30	.000001	1.000000
						31	.000000	1.000000

50-100 BINOMIAL TABLES

n=
80

p=.16

x	Individual Term	Cumulative (x or less)
0	.000001	.000001
1	.000013	.000014
2	.000100	.000115
3	.000497	.000612
4	.001823	.002435
5	.005278	.007713
6	.012567	.020280
7	.025305	.045585
8	.043982	.089567
9	.067021	.156588
10	.090638	.247226
11	.109864	.357090
12	.120327	.477417
13	.119886	.597304
14	.109284	.706588
15	.091591	.798179
16	.070874	.869052
17	.050823	.919875
18	.033882	.953757
19	.021059	.974816
20	.012234	.987050
21	.006658	.993709
22	.003401	.997110
23	.001634	.998744
24	.000739	.999483
25	.000315	.999798
26	.000127	.999925
27	.000048	.999973
28	.000017	.999991
29	.000006	.999997
30	.000002	.999999
31	.000001	.999999
32	.000000	1.000000

p=.17

x	Individual Term	Cumulative (x or less)
1	.000006	.000006
2	.000045	.000050
3	.000237	.000288
4	.000935	.001223
5	.002911	.004134
6	.007453	.011586
7	.016137	.027723
8	.030160	.057883
9	.049418	.107301
10	.071865	.179166
11	.093668	.272834
12	.110314	.383147
13	.118186	.501333
14	.115847	.617180
15	.104402	.721582
16	.086870	.808452
17	.066984	.875436
18	.048019	.923455
19	.032094	.955549
20	.020049	.975598
21	.011733	.987331
22	.006445	.993775
23	.003329	.997104
24	.001619	.998723
25	.000743	.999466
26	.000322	.999788
27	.000132	.999920
28	.000051	.999971
29	.000019	.999990
30	.000007	.999996
31	.000002	.999998
32	.000001	.999999
33	.000000	.999999

p=.18

x	Individual Term	Cumulative (x or less)
1	.000002	.000002
2	.000019	.000022
3	.000111	.000132
4	.000468	.000600
5	.001561	.002161
6	.004283	.006444
7	.009938	.016382
8	.019906	.036288
9	.034957	.071245
10	.054482	.125727
11	.076106	.201833
12	.096060	.297893
13	.110298	.408192
14	.115871	.524062
15	.111914	.635976
16	.099801	.735778
17	.082476	.818254
18	.063366	.881619
19	.045389	.927008
20	.030388	.957396
21	.019059	.976455
22	.011220	.987675
23	.006211	.993886
24	.003238	.997124
25	.001592	.998716
26	.000739	.999455
27	.000325	.999780
28	.000135	.999915
29	.000053	.999968
30	.000020	.999988
31	.000007	.999995
32	.000002	.999997
33	.000001	.999998
34	.000000	.999998

n=
80

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000001	.000001	1	.000000	.000000	2	.000001	.000002
2	.000008	.000009	2	.000003	.000004	3	.000010	.000012
3	.000051	.000060	3	.000023	.000027	4	.000051	.000063
4	.000229	.000288	4	.000109	.000136	5	.000206	.000269
5	.000815	.001103	5	.000415	.000550	6	.000685	.000953
6	.002389	.003492	6	.001296	.001847	7	.001924	.002878
7	.005925	.009417	7	.003426	.005272	8	.004668	.007546
8	.012681	.022098	8	.007815	.013088	9	.009927	.017472
9	.023797	.045895	9	.015630	.028718	10	.018735	.036207
10	.039632	.085527	10	.027743	.056461	11	.031692	.067899
11	.059159	.144636	11	.044137	.100598	12	.048440	.116339
12	.079792	.224478	12	.063447	.164045	13	.067354	.183693
13	.097902	.322380	13	.082969	.247014	14	.085685	.269378
14	.109902	.432282	14	.099267	.346281	15	.100219	.369596
15	.113430	.545711	15	.109194	.455475	16	.108226	.477823
16	.108091	.653802	16	.110900	.566374	17	.108307	.586130
17	.095453	.749255	17	.104376	.670750	18	.100767	.686896
18	.078366	.827621	18	.091329	.762080	19	.087407	.774303
19	.059984	.887604	19	.074505	.836585	20	.070866	.845170
20	.042914	.930518	20	.056810	.893395	21	.053822	.898992
21	.028761	.959279	21	.040579	.933974	22	.038369	.937361
22	.018093	.977372	22	.027206	.961180	23	.025720	.963082
23	.010702	.988074	23	.017152	.978332	24	.016238	.979320
24	.005962	.994036	24	.010184	.988516	25	.009669	.988989
25	.003133	.997169	25	.005703	.994219	26	.005437	.994425
26	.001554	.998723	26	.003016	.997235	27	.002891	.997316
27	.000729	.999452	27	.001508	.998743	28	.001454	.998770
28	.000324	.999776	28	.000714	.999456	29	.000693	.999464
29	.000136	.999912	29	.000320	.999776	30	.000313	.999777
30	.000054	.999966	30	.000136	.999912	31	.000134	.999911
31	.000021	.999987	31	.000055	.999967	32	.000055	.999966
32	.000007	.999994	32	.000021	.999988	33	.000021	.999987
33	.000003	.999997	33	.000008	.999996	34	.000008	.999995
34	.000001	.999998	34	.000003	.999998	35	.000003	.999997
35	.000000	.999998	35	.000001	.999999	36	.000001	.999998
			36	.000000	1.000000	37	.000000	.999999

50-100 BINOMIAL TABLES

n=
80

p=.22

x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000004	.000005
4	.000023	.000028
5	.000100	.000128
6	.000353	.000481
7	.001052	.001533
8	.002706	.004239
9	.006107	.010346
10	.012229	.022575
11	.021950	.044526
12	.035599	.080125
13	.052521	.132646
14	.070893	.203539
15	.087981	.291520
16	.100811	.392331
17	.107045	.499376
18	.105673	.605048
19	.097259	.702307
20	.083668	.785975
21	.067424	.853399
22	.051000	.904400
23	.036275	.940674
24	.024299	.964974
25	.015352	.980326
26	.009160	.989486
27	.005167	.994653
28	.002759	.997411
29	.001395	.998806
30	.000669	.999475
31	.000304	.999780
32	.000131	.999911
33	.000054	.999965
34	.000021	.999986
35	.000008	.999994
36	.000003	.999997
37	.000001	.999997
38	.000000	.999998

p=.23

x	Individual Term	Cumulative (x or less)
3	.000002	.000002
4	.000010	.000013
5	.000047	.000060
6	.000177	.000237
7	.000560	.000797
8	.001525	.002322
9	.003645	.005967
10	.007730	.013697
11	.014694	.028391
12	.025237	.053628
13	.039431	.093059
14	.056367	.149426
15	.074082	.223507
16	.089896	.313404
17	.101090	.414494
18	.105685	.520180
19	.103013	.623192
20	.093848	.717041
21	.080093	.797134
22	.064160	.861294
23	.048328	.909622
24	.034285	.943907
25	.022940	.966846
26	.014495	.981341
27	.008659	.990000
28	.004896	.994896
29	.002622	.997518
30	.001332	.998850
31	.000642	.999491
32	.000293	.999785
33	.000127	.999912
34	.000053	.999965
35	.000021	.999986
36	.000008	.999993
37	.000003	.999996
38	.000001	.999997
39	.000000	.999997

p=.24

x	Individual Term	Cumulative (x or less)
3	.000001	.000001
4	.000005	.000005
5	.000022	.000027
6	.000087	.000114
7	.000290	.000405
8	.000837	.001241
9	.002113	.003355
10	.004738	.008093
11	.009522	.017615
12	.017290	.034905
13	.028560	.063465
14	.043162	.106626
15	.059972	.166599
16	.076938	.243537
17	.091468	.335005
18	.101096	.436101
19	.104177	.540277
20	.100339	.640616
21	.090531	.731147
22	.076670	.807817
23	.061055	.868872
24	.045791	.914664
25	.032391	.947055
26	.021638	.968693
27	.013666	.982359
28	.008169	.990528
29	.004626	.995153
30	.002483	.997637
31	.001265	.998901
32	.000612	.999513
33	.000281	.999794
34	.000123	.999917
35	.000051	.999967
36	.000020	.999988
37	.000008	.999995
38	.000003	.999998
39	.000001	.999999
40	.000000	.999999

n=
80

50-100 BINOMIAL TABLES

p=.25		
x	Individual Term	Cumulative (x or less)
4	.000002	.000002
5	.000010	.000012
6	.000042	.000054
7	.000147	.000201
8	.000447	.000648
9	.001192	.001839
10	.002820	.004659
11	.005982	.010641
12	.011465	.022106
13	.019990	.042097
14	.031890	.073986
15	.046771	.120758
16	.063336	.184094
17	.079481	.263574
18	.092728	.356302
19	.100862	.457163
20	.102543	.559706
21	.097660	.657365
22	.087302	.744667
23	.073384	.818051
24	.058096	.876147
25	.043378	.919525
26	.030587	.950112
27	.020391	.970503
28	.012866	.983369
29	.007690	.991059
30	.004358	.995417
31	.002343	.997760
32	.001196	.998956
33	.000580	.999536
34	.000267	.999803
35	.000117	.999920
36	.000049	.999969
37	.000019	.999988
38	.000007	.999995
39	.000003	.999998
40	.000001	.999999
41	.000000	.999999

p=.26		
x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000004	.000005
6	.000020	.000025
7	.000073	.000098
8	.000233	.000330
9	.000654	.000984
10	.001631	.002615
11	.003647	.006262
12	.007368	.013531
13	.013542	.027173
14	.022770	.049943
15	.035201	.085144
16	.050245	.135389
17	.066461	.201850
18	.081729	.283579
19	.093704	.377283
20	.100415	.477698
21	.100803	.578501
22	.094982	.673483
23	.084156	.757639
24	.070225	.827864
25	.055269	.883132
26	.041078	.924210
27	.028866	.953076
28	.019197	.972273
29	.012095	.984368
30	.007224	.991592
31	.004094	.995686
32	.002203	.997888
33	.001126	.999014
34	.000547	.999561
35	.000252	.999813
36	.000111	.999924
37	.000046	.999970
38	.000018	.999989
39	.000007	.999996
40	.000003	.999998
41	.000001	.999999
42	.000000	.999999

p=.27		
x	Individual Term	Cumulative (x or less)
5	.000002	.000002
6	.000009	.000011
7	.000035	.000046
8	.000118	.000164
9	.000350	.000514
10	.000918	.001432
11	.002160	.003592
12	.004595	.008187
13	.008889	.017076
14	.015734	.032810
15	.025606	.058416
16	.038475	.096891
17	.053573	.150464
18	.069351	.219815
19	.083702	.303516
20	.094422	.397939
21	.099781	.497719
22	.098973	.596693
23	.092312	.689005
24	.081089	.770094
25	.067182	.837275
26	.052563	.889839
27	.038882	.928721
28	.027221	.955943
29	.018053	.973996
30	.011351	.985347
31	.006772	.992119
32	.003835	.995954
33	.002063	.998017
34	.001055	.999072
35	.000513	.999585
36	.000237	.999822
37	.000104	.999926
38	.000044	.999970
39	.000017	.999987
40	.000007	.999994
41	.000002	.999996
42	.000001	.999997
43	.000000	.999998

50-100 BINOMIAL TABLES

n=
80

p=.28

x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000004	.000005
7	.000016	.000021
8	.000059	.000080
9	.000182	.000262
10	.000503	.000765
11	.001244	.002009
12	.002783	.004792
13	.005660	.010452
14	.010534	.020986
15	.018025	.039011
16	.028477	.067489
17	.041692	.109181
18	.056748	.165929
19	.072013	.237942
20	.085416	.323358
21	.094906	.418264
22	.098981	.517244
23	.097068	.614312
24	.089653	.703965
25	.078098	.782063
26	.064247	.846310
27	.049970	.896280
28	.036783	.933063
29	.025650	.958713
30	.016957	.975670
31	.010636	.986307
32	.006334	.992640
33	.003583	.996223
34	.001926	.998149
35	.000984	.999134
36	.000479	.999612
37	.000221	.999833
38	.000097	.999931
39	.000041	.999972
40	.000016	.999988
41	.000006	.999994
42	.000002	.999996
43	.000001	.999997
44	.000000	.999997

p=.29

x	Individual Term	Cumulative (x or less)
6	.000002	.000002
7	.000008	.000010
8	.000028	.000038
9	.000093	.000131
10	.000268	.000399
11	.000697	.001096
12	.001638	.002734
13	.003499	.006233
14	.006840	.013074
15	.012293	.025367
16	.020398	.045765
17	.031366	.077131
18	.044841	.121972
19	.059765	.181737
20	.074454	.256191
21	.086888	.343079
22	.095176	.438255
23	.098032	.536287
24	.095098	.631385
25	.087008	.718393
26	.075178	.793571
27	.061413	.854984
28	.047481	.902464
29	.034774	.937239
30	.024146	.961385
31	.015907	.977292
32	.009949	.987241
33	.005911	.993152
34	.003337	.996489
35	.001792	.998281
36	.000915	.999196
37	.000444	.999640
38	.000205	.999845
39	.000090	.999936
40	.000038	.999974
41	.000015	.999989
42	.000006	.999994
43	.000002	.999996
44	.000001	.999997
45	.000000	.999997

p=.30

x	Individual Term	Cumulative (x or less)
6	.000001	.000001
7	.000003	.000004
8	.000013	.000018
9	.000046	.000064
10	.000140	.000203
11	.000381	.000584
12	.000938	.001521
13	.002102	.003623
14	.004311	.007935
15	.008130	.016065
16	.014155	.030220
17	.022838	.053058
18	.034257	.087315
19	.047908	.135223
20	.062623	.197846
21	.076682	.274528
22	.088134	.362662
23	.095250	.457912
24	.096951	.554863
25	.093073	.647937
26	.084380	.732316
27	.072325	.804641
28	.058672	.863314
29	.045088	.908401
30	.032850	.941251
31	.022707	.963958
32	.014902	.978860
33	.009289	.988149
34	.005503	.993653
35	.003100	.996752
36	.001661	.998413
37	.000846	.999259
38	.000410	.999670
39	.000189	.999859
40	.000083	.999942
41	.000035	.999977
42	.000014	.999991
43	.000005	.999996
44	.000002	.999998
45	.000001	.999999
46	.000000	.999999

n=
80

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
7	.000002	.000002	7	.000001	.000001	8	.000001	.000002
8	.000006	.000008	8	.000003	.000004	9	.000005	.000006
9	.000022	.000030	9	.000010	.000014			
10	.000071	.000101	10	.000035	.000049	10	.000017	.000023
11	.000202	.000303	11	.000105	.000154	11	.000053	.000076
12	.000522	.000826	12	.000283	.000437	12	.000150	.000226
13	.001228	.002053	13	.000697	.001135	13	.000386	.000611
14	.002640	.004693	14	.001571	.002705	14	.000909	.001520
15	.005218	.009911	15	.003253	.005958	15	.001970	.003490
16	.009524	.019435	16	.006218	.012176	16	.003942	.007432
17	.016109	.035544	17	.011016	.023192	17	.007309	.014742
18	.025331	.060874	18	.018144	.041337	18	.012600	.027342
19	.037136	.098010	19	.027863	.069199	19	.020251	.047593
20	.050887	.148897	20	.039991	.109190	20	.030423	.078016
21	.065321	.214218	21	.053769	.162959	21	.042812	.120828
22	.078703	.292922	22	.067859	.230818	22	.056550	.177378
23	.089167	.382089	23	.080528	.311346	23	.070238	.247616
24	.095144	.477234	24	.090002	.401348	24	.082163	.329779
25	.095751	.572895	25	.094872	.496220	25	.090649	.420428
26	.091001	.663985	26	.094443	.590663	26	.094448	.514876
27	.081769	.745754	27	.088888	.679551	27	.093038	.607914
28	.069537	.815292	28	.079177	.758728	28	.086740	.694654
29	.056019	.871311	29	.066811	.825539	29	.076606	.771260
30	.042786	.914096	30	.053449	.878987	30	.064143	.835403
31	.031004	.945101	31	.040568	.919555	31	.050956	.886360
32	.021329	.966430	32	.029233	.948788	32	.038431	.924791
33	.013939	.980368	33	.020010	.968798	33	.027533	.952323
34	.008657	.989025	34	.013017	.981815	34	.018746	.971069
35	.005112	.994136	35	.008051	.989866	35	.012135	.983204
36	.002871	.997007	36	.004736	.994601	36	.007471	.990675
37	.001534	.998541	37	.002650	.997251	37	.004376	.995051
38	.000780	.999320	38	.001411	.998663	38	.002439	.997490
39	.000377	.999698	39	.000715	.999378	39	.001294	.998784
40	.000174	.999871	40	.000345	.999723	40	.000653	.999437
41	.000076	.999948	41	.000158	.999881	41	.000314	.999751
42	.000032	.999979	42	.000069	.999950	42	.000144	.999894
43	.000013	.999992	43	.000029	.999979	43	.000062	.999957
44	.000005	.999997	44	.000011	.999991	44	.000026	.999983
45	.000002	.999998	45	.000004	.999995	45	.000010	.999993
46	.000001	.999999	46	.000002	.999996	46	.000004	.999997
47	.000000	.999999	47	.000001	.999997	47	.000001	.999998
			48	.000000	.999997	48	.000000	.999999

50-100 BINOMIAL TABLES

n=
80

p=.34

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000002	.000003
10	.000008	.000011
11	.000026	.000037
12	.000077	.000114
13	.000208	.000321
14	.000512	.000833
15	.001160	.001993
16	.002428	.004421
17	.004708	.009129
18	.008489	.017617
19	.014269	.031887
20	.022420	.054307
21	.033000	.087307
22	.045590	.132897
23	.059225	.192122
24	.072461	.264584
25	.083616	.348200
26	.091120	.439320
27	.093881	.533202
28	.091544	.624746
29	.084561	.709308
30	.074055	.783363
31	.061532	.844895
32	.048538	.893433
33	.036370	.929803
34	.025900	.955702
35	.017536	.973238
36	.011292	.984530
37	.006918	.991447
38	.004032	.995480
39	.002237	.997717
40	.001181	.998898
41	.000594	.999492
42	.000284	.999776
43	.000129	.999905
44	.000056	.999961
45	.000023	.999984
46	.000009	.999993
47	.000003	.999997
48	.000001	.999998
49	.000000	.999998

p=.35

x	Individual Term	Cumulative (x or less)
9	.000001	.000001
10	.000004	.000005
11	.000012	.000017
12	.000039	.000056
13	.000109	.000165
14	.000280	.000445
15	.000664	.001109
16	.001453	.002562
17	.002945	.005507
18	.005551	.011058
19	.009753	.020811
20	.016017	.036828
21	.024642	.061470
22	.035585	.097055
23	.048319	.145374
24	.061792	.207166
25	.074531	.281697
26	.084895	.366591
27	.091425	.458016
28	.093183	.551200
29	.089970	.641170
30	.082357	.723527
31	.071526	.795053
32	.058975	.854027
33	.046190	.900217
34	.034381	.934598
35	.024331	.958930
36	.016377	.975306
37	.010487	.985793
38	.006390	.992183
39	.003705	.995888
40	.002045	.997933
41	.001074	.999007
42	.000537	.999544
43	.000256	.999800
44	.000116	.999916
45	.000050	.999965
46	.000020	.999986
47	.000008	.999994
48	.000003	.999997
49	.000001	.999998
50	.000000	.999998

p=.36

x	Individual Term	Cumulative (x or less)
9	.000000	.000001
10	.000002	.000002
11	.000006	.000008
12	.000019	.000027
13	.000056	.000082
14	.000149	.000232
15	.000370	.000602
16	.000845	.001447
17	.001790	.003237
18	.003524	.006762
19	.006469	.013231
20	.011099	.024330
21	.017837	.042167
22	.026908	.069075
23	.038168	.107244
24	.050991	.158234
25	.064248	.222483
26	.076449	.298932
27	.086005	.384937
28	.091573	.476510
29	.092362	.568872
30	.088321	.657193
31	.080130	.737323
32	.069018	.806342
33	.056469	.862811
34	.043909	.906720
35	.032461	.939182
36	.022824	.962006
37	.015268	.977274
38	.009718	.986992
39	.005887	.992879
40	.003394	.996273
41	.001863	.998136
42	.000973	.999109
43	.000484	.999592
44	.000229	.999821
45	.000103	.999924
46	.000044	.999968
47	.000018	.999986
48	.000007	.999993
49	.000003	.999995
50	.000001	.999996

n=
80

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
10	.000001	.000001	10	.000000	.000000	11	.000001	.000001
11	.000003	.000004	11	.000001	.000002	12	.000002	.000003
12	.000009	.000013	12	.000004	.000006	13	.000006	.000009
13	.000028	.000040	13	.000013	.000019	14	.000019	.000028
14	.000078	.000118	14	.000039	.000058	15	.000054	.000082
15	.000200	.000318	15	.000106	.000164	16	.000141	.000223
16	.000478	.000797	16	.000263	.000427	17	.000339	.000562
17	.001058	.001854	17	.000607	.001035	18	.000759	.001321
18	.002174	.004028	18	.001303	.002337	19	.001583	.002904
19	.004166	.008194	19	.002606	.004943	20	.003087	.005991
20	.007463	.015657	20	.004871	.009814	21	.005639	.011630
21	.012522	.028179	21	.008530	.018343	22	.009668	.021298
22	.019723	.047902	22	.014020	.032363	23	.015587	.036885
23	.029211	.077113	23	.021669	.054032	24	.023669	.060554
24	.040744	.117857	24	.031542	.085574	25	.033897	.094450
25	.053601	.171458	25	.043304	.128879	26	.045844	.140294
26	.066592	.238051	26	.056145	.185024	27	.058620	.198914
27	.078220	.316270	27	.068823	.253848	28	.070941	.269855
28	.086955	.403225	28	.079845	.333692	29	.081328	.351183
29	.091572	.494797	29	.087749	.421441	30	.088394	.439576
30	.091426	.586223	30	.091429	.512870	31	.091152	.530728
31	.086604	.672828	31	.090382	.603252	32	.089237	.619965
32	.077884	.750711	32	.084824	.688077	33	.082986	.702951
33	.066533	.817244	33	.075621	.763697	34	.073343	.776295
34	.054015	.871259	34	.064069	.827767	35	.061629	.837924
35	.041693	.912953	35	.051610	.879377	36	.049253	.887176
36	.030608	.943561	36	.039540	.918916	37	.037447	.924623
37	.021377	.964938	37	.028819	.947735	38	.027092	.951715
38	.014207	.979145	38	.019987	.967723	39	.018653	.970368
39	.008985	.988131	39	.013193	.980915	40	.012224	.982592
40	.005409	.993540	40	.008288	.989203	41	.007625	.990217
41	.003099	.996639	41	.004956	.994159	42	.004527	.994743
42	.001690	.998329	42	.002820	.996979	43	.002558	.997301
43	.000877	.999206	43	.001528	.998507	44	.001375	.998676
44	.000433	.999640	44	.000787	.999294	45	.000703	.999375
45	.000204	.999843	45	.000386	.999681	46	.000342	.999721
46	.000091	.999934	46	.000180	.999861	47	.000158	.999875
47	.000039	.999973	47	.000080	.999940	48	.000070	.999945
48	.000016	.999988	48	.000034	.999974	49	.000029	.999978
49	.000006	.999994	49	.000013	.999987	50	.000012	.999985
50	.000002	.999997	50	.000005	.999993	51	.000004	.999994
51	.000001	.999997	51	.000002	.999994	52	.000002	.999995
52	.000000	.999998	52	.000001	.999995	53	.000001	.999996
			53	.000000	.999995	54	.000000	.999996

50-100 BINOMIAL TABLES

n=
80

p=.40		
x	Individual Term	Cumulative (x or less)
11	.000000	.000000
12	.000001	.000001
13	.000003	.000004
14	.000009	.000013
15	.000027	.000040
16	.000073	.000114
17	.000184	.000298
18	.000429	.000727
19	.000934	.001662
20	.001900	.003561
21	.003619	.007180
22	.006700	.013650
23	.010877	.024526
24	.017221	.041747
25	.025717	.067464
26	.036267	.103732
27	.048357	.152088
28	.061021	.213110
29	.072945	.286055
30	.082671	.368726
31	.088894	.457620
32	.090746	.548365
33	.087996	.636361
34	.081094	.717455
35	.071054	.788509
36	.059212	.847720
37	.046942	.894663
38	.035413	.930076
39	.025425	.955500
40	.017373	.972874
41	.011300	.984174
42	.006995	.991169
43	.004121	.995290
44	.002310	.997600
45	.001232	.998832
46	.000625	.999457
47	.000301	.999759
48	.000138	.999897
49	.000060	.999957
50	.000025	.999982
51	.000010	.999992
52	.000004	.999995
53	.000001	.999997
54	.000000	.999997

p=.41		
x	Individual Term	Cumulative (x or less)
13	.000001	.000002
14	.000004	.000006
15	.000013	.000019
16	.000037	.000056
17	.000097	.000153
18	.000236	.000390
19	.000536	.000926
20	.001136	.002061
21	.002255	.004316
22	.004202	.008518
23	.007363	.015881
24	.012153	.028034
25	.018917	.046951
26	.027809	.074760
27	.038649	.113409
28	.050838	.164248
29	.063347	.227595
30	.074836	.302431
31	.083878	.386309
32	.089254	.475563
33	.090216	.565779
34	.086664	.652443
35	.079151	.731594
36	.068754	.800349
37	.056818	.857166
38	.044679	.901845
39	.033436	.935281
40	.023816	.959097
41	.016147	.975244
42	.010419	.985663
43	.006398	.992061
44	.003739	.995800
45	.002079	.997879
46	.001099	.998978
47	.000552	.999530
48	.000264	.999794
49	.000120	.999914
50	.000052	.999966
51	.000021	.999987
52	.000008	.999995
53	.000003	.999998
54	.000001	.999999
55	.000000	.999999

p=.42		
x	Individual Term	Cumulative (x or less)
13	.000001	.000001
14	.000002	.000003
15	.000006	.000009
16	.000018	.000027
17	.000050	.000077
18	.000126	.000203
19	.000299	.000502
20	.000659	.001161
21	.001364	.002525
22	.002649	.005174
23	.004837	.010012
24	.008320	.018332
25	.013495	.031826
26	.020672	.052499
27	.029939	.082437
28	.041037	.123474
29	.053284	.176759
30	.065595	.242353
31	.076612	.318966
32	.084951	.403917
33	.089478	.493394
34	.089568	.582963
35	.085244	.668207
36	.077161	.745368
37	.066446	.811814
38	.054447	.866262
39	.042460	.908722
40	.031516	.940237
41	.022265	.962503
42	.014971	.977474
43	.009581	.987055
44	.005834	.992889
45	.003380	.996268
46	.001862	.998130
47	.000975	.999106
48	.000486	.999592
49	.000230	.999821
50	.000103	.999924
51	.000044	.999968
52	.000018	.999986
53	.000007	.999993
54	.000002	.999995
55	.000001	.999996
56	.000000	.999996

n=
80

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
14	.000001	.000001	14	.000000	.000000	15	.000001	.000001
15	.000003	.000004	15	.000001	.000002	16	.000002	.000003
16	.000009	.000013	16	.000004	.000006	17	.000006	.000008
17	.000025	.000038	17	.000012	.000018	18	.000016	.000025
18	.000066	.000103	18	.000033	.000051	19	.000043	.000068
19	.000162	.000265	19	.000085	.000136	20	.000108	.000176
20	.000372	.000637	20	.000204	.000340	21	.000253	.000429
21	.000801	.001438	21	.000457	.000797	22	.000555	.000984
22	.001621	.003059	22	.000963	.001760	23	.001146	.002130
23	.003084	.006143	23	.001908	.003668	24	.002226	.004356
24	.005526	.011669	24	.003561	.007229	25	.004080	.008436
25	.009337	.021006	25	.006267	.013496	26	.007062	.015498
26	.014901	.035907	26	.010416	.023912	27	.011555	.027053
27	.022482	.058389	27	.016368	.040280	28	.017896	.044949
28	.032103	.090493	28	.024344	.064624	29	.026254	.071203
29	.043426	.133918	29	.034297	.098922	30	.036518	.107721
30	.055691	.189610	30	.045811	.144733	31	.048190	.155911
31	.067763	.257372	31	.058056	.202789	32	.060375	.216286
32	.078276	.335648	32	.069848	.272637	33	.071851	.288137
33	.085892	.421540	33	.079827	.352464	34	.081265	.369402
34	.089570	.511110	34	.086703	.439167	35	.087386	.456787
35	.088807	.599917	35	.089534	.528700	36	.089372	.546159
36	.083743	.683660	36	.087935	.616635	37	.086956	.633116
37	.075127	.758787	37	.082163	.698798	38	.080507	.713623
38	.064132	.822919	38	.073051	.771849	39	.070937	.784560
39	.052102	.875020	39	.061812	.833662	40	.059490	.844050
40	.040287	.915308	40	.049781	.883443	41	.047486	.891536
41	.029651	.944959	41	.038160	.921602	42	.036077	.927614
42	.020771	.965729	42	.027841	.949443	43	.026086	.953699
43	.013847	.979576	43	.019331	.968775	44	.017947	.971646
44	.008784	.988360	44	.012773	.981547	45	.011747	.983394
45	.005301	.993662	45	.008028	.989576	46	.007313	.990707
46	.003043	.996705	46	.004800	.994375	47	.004328	.995035
47	.001661	.998365	47	.002728	.997103	48	.002435	.997470
48	.000861	.999226	48	.001474	.998577	49	.001301	.998771
49	.000424	.999651	49	.000756	.999333	50	.000660	.999431
50	.000198	.999849	50	.000368	.999702	51	.000318	.999748
51	.000088	.999937	51	.000170	.999872	52	.000145	.999893
52	.000037	.999974	52	.000075	.999946	53	.000063	.999956
53	.000015	.999989	53	.000031	.999977	54	.000026	.999981
54	.000006	.999995	54	.000012	.999990	55	.000010	.999991
55	.000002	.999997	55	.000005	.999994	56	.000004	.999995
56	.000001	.999998	56	.000002	.999996	57	.000001	.999996
57	.000000	.999998	57	.000001	.999996	58	.000000	.999997
			58	.000000	.999996			

p=.46		
x	Individual Term	Cumulative (x or less)
15	.000000	.000000
16	.000001	.000001
17	.000003	.000004
18	.000008	.000011
19	.000022	.000033
20	.000056	.000089
21	.000136	.000225
22	.000311	.000535
23	.000667	.001203
24	.001350	.002553
25	.002576	.005129
26	.004643	.009772
27	.007910	.017681
28	.012754	.030435
29	.019481	.049916
30	.028211	.078126
31	.038760	.116887
32	.050559	.167445
33	.062645	.230091
34	.073769	.303859
35	.082590	.386449
36	.087943	.474391
37	.089087	.563478
38	.085874	.649352
39	.078779	.728131
40	.068786	.796917
41	.057166	.854084
42	.045219	.899302
43	.034041	.933343
44	.024384	.957728
45	.016617	.974345
46	.010771	.985116
47	.006637	.991753
48	.003887	.995640
49	.002162	.997802
50	.001142	.998944
51	.000572	.999517
52	.000272	.999789
53	.000122	.999911
54	.000052	.999963
55	.000021	.999984
56	.000008	.999992
57	.000003	.999995
58	.000001	.999996
59	.000000	.999996

p=.47		
x	Individual Term	Cumulative (x or less)
17	.000001	.000002
18	.000004	.000005
19	.000010	.000016
20	.000028	.000044
21	.000071	.000114
22	.000169	.000283
23	.000377	.000660
24	.000794	.001454
25	.001578	.003032
26	.002960	.005992
27	.005249	.011241
28	.008821	.020052
29	.014010	.034062
30	.021121	.055183
31	.030210	.085393
32	.041022	.126416
33	.052914	.179329
34	.064865	.244194
35	.075600	.319794
36	.083802	.403595
37	.088374	.491969
38	.088681	.580651
39	.084691	.665342
40	.076981	.742323
41	.066601	.808925
42	.054843	.863768
43	.042979	.906747
44	.032050	.938797
45	.022737	.961534
46	.015342	.976876
47	.009842	.986718
48	.006000	.992718
49	.003475	.996193
50	.001911	.998103
51	.000997	.999100
52	.000493	.999593
53	.000231	.999824
54	.000102	.999926
55	.000043	.999969
56	.000017	.999986
57	.000006	.999992
58	.000002	.999995
59	.000001	.999995
60	.000000	.999995
61	.000000	.999996

p=.48		
x	Individual Term	Cumulative (x or less)
17	.000000	.000001
18	.000002	.000002
19	.000005	.000007
20	.000014	.000021
21	.000036	.000057
22	.000089	.000145
23	.000207	.000352
24	.000453	.000805
25	.000937	.001742
26	.001829	.003571
27	.003377	.006948
28	.005900	.012848
29	.009766	.022614
30	.015325	.037939
31	.022816	.060755
32	.032250	.093005
33	.043300	.136305
34	.055252	.191557
35	.067031	.258588
36	.077344	.335932
37	.084901	.420833
38	.088682	.509515
39	.088157	.597672
40	.083410	.681083
41	.075116	.756199
42	.064385	.820584
43	.052522	.873106
44	.040769	.913875
45	.030106	.943981
46	.021145	.965126
47	.014120	.979245
48	.008961	.988206
49	.005402	.993608
50	.003091	.996699
51	.001679	.998378
52	.000864	.999242
53	.000421	.999663
54	.000194	.999858
55	.000085	.999942
56	.000035	.999977
57	.000014	.999991
58	.000005	.999996
59	.000002	.999998
60	.000001	.999998
61	.000000	.999999

n=
80

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
18	.000001	.000001	18	.000000	.000000
19	.000002	.000003	19	.000001	.000001
20	.000006	.000010	20	.000003	.000004
21	.000018	.000027	21	.000008	.000013
22	.000045	.000072	22	.000022	.000035
23	.000110	.000182	23	.000057	.000092
24	.000250	.000433	24	.000134	.000226
25	.000539	.000972	25	.000301	.000526
26	.001096	.002067	26	.000636	.001162
27	.002105	.004173	27	.001272	.002434
28	.003829	.008002	28	.002407	.004841
29	.006596	.014598	29	.004317	.009158
30	.010774	.025372	30	.007338	.016496
31	.016696	.042069	31	.011836	.028332
32	.024563	.066632	32	.018124	.046456
33	.034328	.100960	33	.026362	.072818
34	.045592	.146551	34	.036441	.109259
35	.057571	.204122	35	.047894	.157153
36	.069141	.273264	36	.059868	.217021
37	.078998	.352262	37	.071194	.288216
38	.085887	.438148	38	.080562	.368777
39	.088866	.527015	39	.086759	.455536
40	.087516	.614530	40	.088928	.544464
41	.082033	.696563	41	.086759	.631223
42	.073186	.769750	42	.080562	.711785
43	.062140	.831889	43	.071194	.782979
44	.050205	.882094	44	.059868	.842847
45	.038589	.920683	45	.047894	.890741
46	.028210	.948893	46	.036441	.927133
47	.019607	.968499	47	.026362	.953545
48	.012951	.981450	48	.018124	.971668
49	.008126	.989576	49	.011836	.983504
50	.004841	.994417	50	.007338	.990842
51	.002736	.997153	51	.004317	.995159
52	.001466	.998619	52	.002407	.997566
53	.000744	.999363	53	.001272	.998838
54	.000357	.999720	54	.000636	.999474
55	.000162	.999883	55	.000301	.999775
56	.000070	.999952	56	.000134	.999909
57	.000028	.999980	57	.000057	.999965
58	.000011	.999991	58	.000022	.999988
59	.000004	.999995	59	.000008	.999996
60	.000001	.999996	60	.000003	.999999
61	.000000	.999997	61	.000001	1.000001
			62	.000000	1.000001

50-100 BINOMIAL TABLES

n=
85

p=.01

x	Individual Term	Cumulative (x or less)
0	.425590	.425590
1	.365406	.790996
2	.155021	.946016
3	.043322	.989339
4	.008971	.998310
5	.001468	.999777
6	.000198	.999975
7	.000023	.999998
8	.000002	1.000000
9	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.179563	.179563
1	.311487	.491049
2	.266988	.758038
3	.150749	.908786
4	.063068	.971855
5	.020851	.992706
6	.005674	.998380
7	.001307	.999686
8	.000260	.999946
9	.000045	.999992
10	.000007	.999999
11	.000001	1.000000
12	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.075093	.075093
1	.197409	.272501
2	.256428	.528929
3	.219417	.748346
4	.139115	.887461
5	.069701	.957162
6	.028743	.985905
7	.010032	.995937
8	.003025	.998963
9	.000800	.999763
10	.000188	.999951
11	.000040	.999991
12	.000008	.999999
13	.000001	1.000000
14	.000000	1.000001

p=.04

x	Individual Term	Cumulative (x or less)
0	.031121	.031121
1	.110221	.141342
2	.192886	.334227
3	.222355	.556582
4	.189928	.746510
5	.128201	.874711
6	.071223	.945934
7	.033492	.979426
8	.013606	.993032
9	.004850	.997882
10	.001536	.999418
11	.000436	.999854
12	.000112	.999966
13	.000026	.999992
14	.000006	.999998
15	.000001	.999999
16	.000000	.999999

p=.05

x	Individual Term	Cumulative (x or less)
0	.012779	.012779
1	.057170	.069950
2	.126377	.196327
3	.184022	.380349
4	.198550	.578899
5	.169290	.748190
6	.118800	.866990
7	.070566	.937555
8	.036211	.973767
9	.016306	.990072
10	.006522	.996595
11	.002341	.998935
12	.000760	.999695
13	.000225	.999919
14	.000061	.999980
15	.000015	.999995
16	.000003	.999999
17	.000001	.999999
18	.000000	.999999

p=.06

x	Individual Term	Cumulative (x or less)
0	.005198	.005198
1	.028204	.033402
2	.075611	.109013
3	.133525	.242538
4	.174719	.417257
5	.180667	.597924
6	.153759	.751683
7	.110763	.862445
8	.068932	.931377
9	.037644	.969021
10	.018261	.987282
11	.007947	.995229
12	.003128	.998357
13	.001121	.999479
14	.000368	.999847
15	.000111	.999958
16	.000031	.999989
17	.000008	.999997
18	.000002	.999999
19	.000000	.999999

n=
85

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.002094	.002094	0	.000836	.000836	0	.000330	.000330
1	.013399	.015494	1	.006176	.007011	1	.002774	.003104
2	.042359	.057853	2	.022555	.029566	2	.011524	.014628
3	.088211	.146064	3	.054262	.083828	3	.031532	.046159
4	.136110	.282174	4	.096728	.180556	4	.063930	.110089
5	.165966	.448140	5	.136261	.316817	5	.102428	.212517
6	.166561	.614701	6	.157983	.474800	6	.135070	.347586
7	.141487	.756188	7	.155039	.629840	7	.150760	.498347
8	.103833	.860021	8	.131446	.761286	8	.145376	.643723
9	.066865	.926887	9	.097791	.859077	9	.123011	.766733
10	.038250	.965136	10	.064627	.923704	10	.092461	.859194
11	.019630	.984766	11	.038316	.962021	11	.062349	.921542
12	.009111	.993877	12	.020547	.982567	12	.038026	.959568
13	.003851	.997728	13	.010033	.992600	13	.021118	.980687
14	.001491	.999219	14	.004487	.997087	14	.010741	.991428
15	.000531	.999750	15	.001847	.998933	15	.005028	.996456
16	.000175	.999925	16	.000703	.999636	16	.002176	.998632
17	.000053	.999978	17	.000248	.999884	17	.000873	.999506
18	.000015	.999994	18	.000081	.999965	18	.000326	.999832
19	.000004	.999998	19	.000025	.999990	19	.000114	.999946
20	.000001	.999999	20	.000007	.999997	20	.000037	.999983
21	.000000	.999999	21	.000002	.999999	21	.000011	.999994
			22	.000000	1.000000	22	.000003	.999998
						23	.000001	.999998
						24	.000000	.999999

50-100 BINOMIAL TABLES

n=
85

p=.10		
x	Individual Term	Cumulative (x or less)
0	.000129	.000129
1	.001218	.001347
2	.005686	.007033
3	.017479	.024512
4	.039813	.064325
5	.071663	.135988
6	.106167	.242155
7	.133130	.375285
8	.144224	.519509
9	.137102	.656612
10	.115775	.772387
11	.087708	.860095
12	.060097	.920192
13	.037496	.957688
14	.021426	.979114
15	.011269	.990383
16	.005478	.995861
17	.002470	.998331
18	.001037	.999368
19	.000406	.999774
20	.000149	.999923
21	.000051	.999974
22	.000017	.999991
23	.000005	.999996
24	.000001	.999997
25	.000000	.999998

p=.11		
x	Individual Term	Cumulative (x or less)
0	.000050	.000050
1	.000524	.000574
2	.002722	.003296
3	.009306	.012602
4	.023580	.036182
5	.047213	.083395
6	.077803	.161198
7	.108525	.269723
8	.130779	.400502
9	.138289	.538791
10	.129899	.668690
11	.109465	.778155
12	.083431	.861586
13	.057904	.919491
14	.036806	.956297
15	.021532	.977829
16	.011643	.989472
17	.005841	.995313
18	.002727	.998040
19	.001189	.999229
20	.000485	.999713
21	.000185	.999899
22	.000067	.999966
23	.000023	.999988
24	.000007	.999995
25	.000002	.999998
26	.000001	.999998
27	.000000	.999998

p=.12		
x	Individual Term	Cumulative (x or less)
0	.000019	.000019
1	.000221	.000240
2	.001268	.001508
3	.004784	.006292
4	.013372	.019664
5	.029540	.049204
6	.053709	.102914
7	.082657	.185570
8	.109896	.295466
9	.128212	.423678
10	.132874	.556552
11	.123540	.680092
12	.103886	.783978
13	.079549	.863527
14	.055788	.919314
15	.036008	.955323
16	.021482	.976805
17	.011890	.988695
18	.006125	.994820
19	.002945	.997765
20	.001325	.999090
21	.000559	.999650
22	.000222	.999872
23	.000083	.999955
24	.000029	.999984
25	.000010	.999994
26	.000003	.999997
27	.000001	.999998
28	.000000	.999998

n=
85

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000007	.000007	0	.000003	.000003	0	.000001	.000001
1	.000092	.000099	1	.000037	.000040	1	.000015	.000016
2	.000576	.000675	2	.000256	.000296	2	.000111	.000127
3	.002383	.003058	3	.001153	.001449	3	.000544	.000671
4	.007298	.010356	4	.003848	.005298	4	.001966	.002637
5	.017667	.028023	5	.010149	.015446	5	.005622	.008259
6	.035198	.063220	6	.022028	.037474	6	.013227	.021486
7	.059356	.122576	7	.040470	.077945	7	.026344	.047830
8	.086476	.209052	8	.064235	.142180	8	.045327	.093157
9	.110552	.319605	9	.089464	.231644	9	.068434	.161591
10	.125547	.445151	10	.110686	.342329	10	.091783	.253374
11	.127908	.573059	11	.122854	.465183	11	.110434	.363808
12	.117862	.690921	12	.123330	.588513	12	.120178	.483985
13	.098895	.789816	13	.112740	.701253	13	.119090	.603076
14	.075998	.865815	14	.094387	.795640	14	.108082	.711157
15	.053752	.919567	15	.072729	.868369	15	.090280	.801438
16	.035140	.954706	16	.051798	.920168	16	.069702	.871139
17	.021312	.976018	17	.034225	.954393	17	.049925	.921064
18	.012030	.988049	18	.021048	.975441	18	.033283	.954347
19	.006339	.994383	19	.012083	.987524	19	.020712	.975059
20	.003126	.997514	20	.006491	.994015	20	.012062	.987120
21	.001446	.998959	21	.003271	.997285	21	.006588	.993709
22	.000628	.999588	22	.001549	.998834	22	.003382	.997091
23	.000257	.999845	23	.000691	.999525	23	.001635	.998726
24	.000099	.999944	24	.000290	.999815	24	.000745	.999471
25	.000036	.999980	25	.000115	.999931	25	.000321	.999792
26	.000012	.999993	26	.000043	.999974	26	.000131	.999923
27	.000004	.999997	27	.000015	.999989	27	.000050	.999973
28	.000001	.999998	28	.000005	.999995	28	.000018	.999991
29	.000000	.999999	29	.000002	.999996	29	.000006	.999998
			30	.000001	.999997	30	.000002	1.000000
			31	.000000	.999997	31	.000001	1.000001

50-100 BINOMIAL TABLES

n-
85

p=.16

x	Individual Term	Cumulative (x or less)
0	.000000	.000000
1	.000006	.000006
2	.000047	.000054
3	.000250	.000304
4	.000976	.001280
5	.003012	.004292
6	.007649	.011941
7	.016443	.028384
8	.030537	.058921
9	.049765	.108686
10	.072040	.180726
11	.093559	.274285
12	.109894	.384179
13	.117543	.501722
14	.115144	.616866
15	.103812	.720678
16	.086510	.807188
17	.066882	.874070
18	.048127	.922196
19	.032326	.954522
20	.020319	.974841
21	.011979	.986820
22	.006638	.993458
23	.003463	.996922
24	.001704	.998626
25	.000792	.999418
26	.000348	.999766
27	.000145	.999911
28	.000057	.999968
29	.000021	.999989
30	.000008	.999997
31	.000003	.999999
32	.000001	1.000000

p=.17

x	Individual Term	Cumulative (x or less)
1	.000002	.000002
2	.000020	.000022
3	.000112	.000135
4	.000472	.000606
5	.001565	.002171
6	.004273	.006443
7	.009876	.016320
8	.019723	.036042
9	.034561	.070604
10	.053799	.124403
11	.075130	.199533
12	.094893	.294426
13	.109140	.403566
14	.114964	.518530
15	.111455	.629985
16	.099873	.729857
17	.083027	.812884
18	.064243	.877127
19	.046400	.923527
20	.031362	.954889
21	.019882	.974771
22	.011847	.986618
23	.006646	.993264
24	.003517	.996781
25	.001757	.998538
26	.000831	.999369
27	.000372	.999741
28	.000158	.999898
29	.000064	.999962
30	.000024	.999986
31	.000009	.999995
32	.000003	.999998
33	.000001	.999999
34	.000000	.999999

p=.18

x	Individual Term	Cumulative (x or less)
1	.000001	.000001
2	.000008	.000009
3	.000049	.000058
4	.000222	.000280
5	.000790	.001070
6	.002311	.003381
7	.005725	.009105
8	.012252	.021358
9	.023010	.044368
10	.038388	.082755
11	.057454	.140209
12	.077773	.217982
13	.095866	.313849
14	.108225	.422074
15	.112449	.534523
16	.107992	.642515
17	.096217	.738731
18	.079789	.818521
19	.061763	.880283
20	.044740	.925023
21	.030398	.955422
22	.019412	.974833
23	.011672	.986505
24	.006619	.993124
25	.003545	.996669
26	.001796	.998465
27	.000861	.999326
28	.000392	.999718
29	.000169	.999887
30	.000069	.999956
31	.000027	.999983
32	.000010	.999993
33	.000004	.999997
34	.000001	.999998
35	.000000	.999998

n=
85

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000003	.000004	2	.000001	.000001	2	.000001	.000001
3	.000021	.000025	3	.000009	.000010	3	.000004	.000004
4	.000102	.000127	4	.000046	.000056	4	.000020	.000024
5	.000388	.000515	5	.000185	.000242	5	.000087	.000111
6	.001212	.001727	6	.000618	.000860	6	.000307	.000418
7	.003210	.004937	7	.001744	.002604	7	.000920	.001338
8	.007341	.012277	8	.004251	.006855	8	.002385	.003722
9	.014732	.027009	9	.009093	.015949	9	.005423	.009145
10	.026263	.053272	10	.017277	.033226	10	.010956	.020101
11	.042003	.095275	11	.029450	.062676	11	.019857	.039958
12	.060757	.156032	12	.045402	.108078	12	.032550	.072509
13	.080028	.236060	13	.063738	.171816	13	.048588	.121097
14	.096542	.332602	14	.081948	.253764	14	.066424	.187520
15	.107190	.439792	15	.096972	.350736	15	.083576	.271097
16	.110002	.549793	16	.106063	.456799	16	.097197	.368294
17	.104729	.654522	17	.107623	.564422	17	.104869	.473163
18	.092805	.747328	18	.101644	.666066	18	.105311	.578474
19	.076765	.824093	19	.089607	.755673	19	.098716	.677191
20	.059422	.883514	20	.073926	.829599	20	.086595	.763786
21	.043143	.926657	21	.057205	.886804	21	.071249	.835035
22	.029440	.956097	22	.041603	.928407	22	.055097	.890132
23	.018915	.975012	23	.028489	.956896	23	.040118	.930250
24	.011462	.986474	24	.018399	.975295	24	.027549	.957799
25	.006560	.993034	25	.011224	.986519	25	.017869	.975668
26	.003551	.996586	26	.006475	.992994	26	.010961	.986629
27	.001820	.998406	27	.003537	.996531	27	.006167	.992996
28	.000884	.999290	28	.001832	.998363	28	.003506	.996502
29	.000408	.999698	29	.000900	.999263	29	.001832	.998334
30	.000179	.999876	30	.000420	.999683	30	.000909	.999243
31	.000074	.999951	31	.000186	.999870	31	.000429	.999671
32	.000029	.999980	32	.000079	.999948	32	.000192	.999864
33	.000011	.999991	33	.000032	.999980	33	.000082	.999946
34	.000004	.999995	34	.000012	.999992	34	.000033	.999979
35	.000001	.999997	35	.000004	.999996	35	.000013	.999992
36	.000000	.999997	36	.000002	.999998	36	.000005	.999997
			37	.000001	.999998	37	.000002	.999999
			38	.000000	.999999	38	.000001	.999999
						39	.000000	.999999

50-100 BINOMIAL TABLES

n-
85

p=.22

x	Individual Term	Cumulative (x or less)
2	.000000	.000000
3	.000001	.000002
4	.000009	.000010
5	.000039	.000050
6	.000148	.000198
7	.000472	.000670
8	.001297	.001967
9	.003130	.005097
10	.006710	.011808
11	.012905	.024712
12	.022445	.047158
13	.035549	.082707
14	.051566	.134273
15	.068843	.203117
16	.084951	.288067
17	.097251	.385318
18	.103624	.488942
19	.103064	.592006
20	.095929	.687935
21	.083748	.771682
22	.068716	.840398
23	.053088	.893486
24	.038682	.932168
25	.026621	.958789
26	.017327	.976117
27	.010679	.986796
28	.006239	.993035
29	.003459	.996494
30	.001821	.998315
31	.000911	.999227
32	.000434	.999661
33	.000196	.999857
34	.000085	.999942
35	.000035	.999977
36	.000014	.999990
37	.000005	.999995
38	.000002	.999997
39	.000001	.999998
40	.000000	.999998

p=.23

x	Individual Term	Cumulative (x or less)
3	.000001	.000001
4	.000004	.000004
5	.000018	.000022
6	.000070	.000092
7	.000235	.000327
8	.000685	.001012
9	.001752	.002764
10	.003977	.006741
11	.008099	.014839
12	.014918	.029757
13	.025022	.054779
14	.038438	.093217
15	.054346	.147563
16	.071020	.218583
17	.086103	.304686
18	.097161	.401847
19	.102341	.504188
20	.100879	.605067
21	.093268	.698335
22	.081045	.779380
23	.066310	.845690
24	.051167	.896857
25	.037292	.934150
26	.025706	.959856
27	.016779	.976635
28	.010382	.987017
29	.006095	.993112
30	.003398	.996510
31	.001801	.998311
32	.000908	.999219
33	.000436	.999654
34	.000199	.999853
35	.000087	.999940
36	.000036	.999976
37	.000014	.999990
38	.000005	.999995
39	.000002	.999997
40	.000001	.999998
41	.000000	.999998

p=.24

x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000001	.000002
5	.000008	.000009
6	.000032	.000041
7	.000114	.000156
8	.000352	.000508
9	.000951	.001459
10	.002283	.003743
11	.004916	.008659
12	.009574	.018232
13	.016977	.035209
14	.027571	.062780
15	.041211	.103991
16	.056937	.160922
17	.072978	.233906
18	.087061	.320968
19	.096949	.417917
20	.101031	.518948
21	.098752	.617700
22	.090720	.708420
23	.078472	.786892
24	.064016	.850908
25	.049326	.900234
26	.035946	.936180
27	.024805	.960985
28	.016226	.977211
29	.010071	.987282
30	.005937	.993219
31	.003326	.996545
32	.001772	.998318
33	.000899	.999217
34	.000434	.999651
35	.000200	.999851
36	.000088	.999938
37	.000037	.999975
38	.000015	.999990
39	.000006	.999995
40	.000002	.999997
41	.000001	.999998
42	.000000	.999998

n=
85

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
4	.000001	.000001	4	.000000	.000000	5	.000001	.000001
5	.000003	.000004	5	.000001	.000002	6	.000003	.000003
6	.000014	.000018	6	.000006	.000008	7	.000011	.000015
7	.000054	.000073	7	.000025	.000033	8	.000041	.000055
8	.000176	.000249	8	.000086	.000119	9	.000129	.000184
9	.000502	.000751	9	.000258	.000376	10	.000362	.000546
10	.002272	.002022	10	.000688	.001064	11	.000912	.001458
11	.002890	.004913	11	.001648	.002712	12	.002080	.003538
12	.005942	.010854	12	.003571	.006283	13	.004320	.007858
13	.011121	.021976	13	.007045	.013327	14	.008218	.016075
14	.019065	.041041	14	.012729	.026057	15	.014386	.030462
15	.030081	.071121	15	.021170	.047227	16	.023279	.053741
16	.043867	.114989	16	.032542	.079768	17	.034947	.088689
17	.059350	.174339	17	.046407	.126175	18	.048830	.137519
18	.074737	.249076	18	.061597	.187772	19	.063687	.201206
19	.087849	.336925	19	.076317	.264089	20	.077733	.278940
20	.096634	.433558	20	.088486	.352575	21	.088590	.367930
21	.099701	.533260	21	.096230	.448405	22	.095750	.463680
22	.096680	.629940	22	.098358	.547164	23	.097005	.560685
23	.088273	.718213	23	.094660	.641823	24	.092686	.653371
24	.076013	.794226	24	.085919	.727742	25	.083646	.737017
25	.061824	.856050	25	.073658	.801399	26	.071394	.808412
26	.047557	.903607	26	.059722	.861122	27	.057702	.866114
27	.034640	.938247	27	.045853	.906975	28	.044208	.910323
28	.023918	.962166	28	.033372	.940347	29	.032138	.942461
29	.015671	.977836	29	.023046	.963393	30	.022189	.964650
30	.009751	.987587	30	.015115	.978508	31	.014560	.979210
31	.005766	.993353	31	.009422	.987930	32	.009088	.988298
32	.003244	.996597	32	.005586	.993516	33	.005398	.993696
33	.001736	.998333	33	.003152	.996669	34	.003054	.996750
34	.000885	.999219	34	.001694	.998363	35	.001646	.998396
35	.000430	.999649	35	.000867	.999230	36	.000845	.999241
36	.000199	.999848	36	.000423	.999653	37	.000414	.999655
37	.000088	.999936	37	.000197	.999850	38	.000193	.999849
38	.000037	.999973	38	.000087	.999937	39	.000086	.999935
39	.000015	.999988	39	.000037	.999974	40	.000037	.999971
40	.000006	.999993	40	.000015	.999989	41	.000015	.999986
41	.000002	.999995	41	.000006	.999995	42	.000006	.999992
42	.000001	.999996	42	.000002	.999997	43	.000002	.999994
43	.000000	.999996	43	.000001	.999998	44	.000001	.999995
			44	.000000	.999998	45	.000000	.999995

50-100 BINOMIAL TABLES

n=
85

p=.28

x	Individual Term	Cumulative (x or less)
5	.000000	.000000
6	.000001	.000001
7	.000005	.000006
8	.000019	.000025
9	.000063	.000088
10	.000185	.000273
11	.000490	.000763
12	.001176	.001939
13	.002568	.004506
14	.005135	.009641
15	.009452	.019094
16	.016082	.035176
17	.025385	.060561
18	.037294	.097854
19	.051142	.148997
20	.065633	.214629
21	.079002	.293632
22	.089376	.383008
23	.095205	.478213
24	.095646	.573859
25	.090757	.664617
26	.081449	.746066
27	.069215	.815280
28	.055756	.871037
29	.042618	.913655
30	.030938	.944593
31	.021346	.965939
32	.014008	.979947
33	.008474	.988697
34	.005234	.993900
35	.002949	.996849
36	.001593	.998442
37	.000820	.999262
38	.000403	.999665
39	.000189	.999854
40	.000084	.999938
41	.000036	.999974
42	.000015	.999989
43	.000006	.999995
44	.000002	.999997
45	.000001	.999998
46	.000000	.999998

p=.29

x	Individual Term	Cumulative (x or less)
6	.000000	.000001
7	.000002	.000003
8	.000008	.000011
9	.000030	.000041
10	.000092	.000133
11	.000256	.000389
12	.000645	.001034
13	.001480	.002514
14	.003109	.005624
15	.006011	.011635
16	.010742	.022376
17	.017808	.040184
18	.027478	.067662
19	.039577	.107240
20	.053346	.160586
21	.067443	.228028
22	.080137	.308165
23	.089657	.397822
24	.094603	.492424
25	.094283	.586707
26	.088869	.675576
27	.079319	.754896
28	.067110	.822006
29	.053877	.875883
30	.041078	.916961
31	.029768	.946729
32	.020518	.967247
33	.013400	.980707
34	.008408	.989115
35	.005004	.994119
36	.002839	.996958
37	.001536	.998494
38	.000792	.999286
39	.000390	.999676
40	.000183	.999859
41	.000082	.999941
42	.000035	.999976
43	.000014	.999991
44	.000006	.999996
45	.000002	.999999
46	.000001	.999999
47	.000000	1.000000

p=.30

x	Individual Term	Cumulative (x or less)
6	.000000	.000000
7	.000001	.000001
8	.000004	.000005
9	.000014	.000019
10	.000045	.000063
11	.000130	.000193
12	.000344	.000537
13	.000828	.001366
14	.001826	.003191
15	.003703	.006894
16	.006944	.013838
17	.012078	.025916
18	.019555	.045471
19	.029553	.075025
20	.041797	.116822
21	.055445	.172267
22	.069126	.241393
23	.081148	.322541
24	.089843	.412383
25	.093950	.506333
26	.092917	.599250
27	.087018	.686268
28	.077250	.763518
29	.065073	.828591
30	.052058	.880650
31	.039584	.920233
32	.028627	.948861
33	.019705	.968565
34	.012916	.981481
35	.008066	.989547
36	.004801	.994348
37	.002725	.997073
38	.001475	.998548
39	.000762	.999310
40	.000375	.999685
41	.000177	.999862
42	.000079	.999941
43	.000034	.999975
44	.000014	.999989
45	.000005	.999994
46	.000002	.999996
47	.000001	.999997
48	.000000	.999997

n=
85

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
8	.000002	.000002	8	.000001	.000001	9	.000001	.000001
9	.000006	.000008	9	.000003	.000004	10	.000004	.000006
10	.000021	.000029	10	.000010	.000013	11	.000015	.000020
11	.000064	.000094	11	.000031	.000044	12	.000044	.000064
12	.000178	.000272	12	.000090	.000134	13	.000122	.000187
13	.000450	.000722	13	.000238	.000372	14	.000309	.000496
14	.001040	.001702	14	.000575	.000947	15	.000721	.001217
15	.002212	.003974	15	.001282	.002229	16	.001553	.002770
16	.004348	.008322	16	.002639	.004808	17	.003105	.005875
17	.007928	.016250	17	.005040	.009908	18	.005778	.011653
18	.013456	.029706	18	.008960	.018868	19	.010035	.021689
19	.021318	.051024	19	.014869	.033736	20	.016131	.038000
20	.031606	.082630	20	.023090	.056827	21	.024867	.062867
21	.043952	.126582	21	.033633	.090459	22	.035630	.098497
22	.057445	.184026	22	.046043	.136502	23	.048070	.146566
23	.070693	.254719	23	.059349	.195851	24	.061163	.207730
24	.082048	.336767	24	.072150	.268001	25	.073505	.281235
25	.089943	.426710	25	.082845	.350846	26	.083548	.304783
26	.093252	.519962	26	.089967	.440813	27	.089921	.454704
27	.091550	.611513	27	.092515	.533328	28	.091743	.546446
28	.085201	.696714	28	.090183	.623511	29	.088815	.635262
29	.075237	.771951	29	.083415	.706926	30	.081657	.716919
30	.063097	.835048	30	.073274	.780200	31	.071356	.783275
31	.050295	.885343	31	.061178	.841378	32	.059308	.847584
32	.038131	.923475	32	.048582	.889960	33	.046916	.894499
33	.027514	.950989	33	.036718	.926678	34	.035341	.929840
34	.018906	.969895	34	.026427	.953105	35	.025364	.955205
35	.012377	.982271	35	.018121	.971226	36	.017351	.972556
36	.007723	.989994	36	.011844	.983070	37	.011318	.983874
37	.004595	.994589	37	.007381	.990451	38	.007041	.990915
38	.002608	.997197	38	.004388	.994839	39	.004180	.995095
39	.001412	.998609	39	.002488	.997327	40	.002367	.997462
40	.000729	.999339	40	.001347	.998674	41	.001280	.998742
41	.000360	.999698	41	.000696	.999309	42	.000660	.999402
42	.000169	.999868	42	.000343	.999712	43	.000325	.999728
43	.000076	.999944	43	.000161	.999874	44	.000153	.999880
44	.000033	.999976	44	.000072	.999946	45	.000069	.999949
45	.000013	.999990	45	.000031	.999977	46	.000029	.999978
46	.000005	.999995	46	.000013	.999990	47	.000012	.999990
47	.000002	.999997	47	.000005	.999995	48	.000005	.999995
48	.000001	.999997	48	.000002	.999997	49	.000002	.999997
49	.000000	.999998	49	.000001	.999998	50	.000001	.999997
			50	.000000	.999998	51	.000000	.999998

50-100 BINOMIAL TABLES

n-
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p=.34		
x	Individual Term	Cumulative (x or less)
9	.000000	.000001
10	.000002	.000003
11	.000007	.000009
12	.000021	.000030
13	.000061	.000091
14	.000161	.000253
15	.000394	.000646
16	.000887	.001534
17	.001855	.003389
18	.003611	.006999
19	.006559	.013558
20	.011150	.024709
21	.017779	.042488
22	.026644	.069132
23	.037597	.106729
24	.050034	.156763
25	.062891	.219654
26	.074766	.294420
27	.084164	.378584
28	.089812	.468396
29	.090938	.559334
30	.087447	.646781
31	.079925	.726705
32	.069480	.796186
33	.057485	.853671
34	.045292	.898962
35	.033998	.932960
36	.024325	.957286
37	.016595	.973881
38	.010799	.984680
39	.006704	.991384
40	.003972	.995356
41	.002246	.997601
42	.001212	.998813
43	.000624	.999438
44	.000307	.999745
45	.000144	.999889
46	.000065	.999953
47	.000028	.999981
48	.000011	.999992
49	.000004	.999997
50	.000002	.999998
51	.000001	.999999
52	.000000	.999999

p=.35		
x	Individual Term	Cumulative (x or less)
10	.000001	.000001
11	.000003	.000004
12	.000010	.000014
13	.000030	.000043
14	.000082	.000125
15	.000209	.000334
16	.000492	.000826
17	.001075	.001902
18	.002187	.004089
19	.004153	.008242
20	.007380	.015623
21	.012301	.027923
22	.019268	.047191
23	.028419	.075610
24	.039531	.115141
25	.051938	.167079
26	.064538	.231616
27	.075938	.307554
28	.084700	.392254
29	.089642	.481896
30	.090102	.571998
31	.086078	.658076
32	.078215	.736291
33	.067640	.803931
34	.055704	.859635
35	.043706	.903341
36	.032686	.936028
37	.023308	.959336
38	.015854	.975189
39	.010288	.985477
40	.006370	.991847
41	.003765	.995612
42	.002124	.997736
43	.001144	.998880
44	.000588	.999468
45	.000288	.999756
46	.000135	.999891
47	.000060	.999951
48	.000026	.999977
49	.000010	.999987
50	.000004	.999992
51	.000001	.999993
52	.000001	.999994
53	.000000	.999994

p=.36		
x	Individual Term	Cumulative (x or less)
10	.000000	.000000
11	.000001	.000002
12	.000004	.000006
13	.000014	.000020
14	.000040	.000061
15	.000108	.000168
16	.000265	.000433
17	.000605	.001038
18	.001285	.002323
19	.002550	.004873
20	.004733	.009605
21	.008240	.017845
22	.013483	.031328
23	.020774	.052103
24	.030188	.082291
25	.041433	.123723
26	.053783	.177506
27	.066108	.243614
28	.077028	.320642
29	.085162	.405804
30	.089420	.495225
31	.089240	.584465
32	.084708	.669173
33	.076526	.745699
34	.065835	.811534
35	.053961	.865496
36	.042157	.907653
37	.031404	.939057
38	.022314	.961371
39	.015126	.976497
40	.009785	.986281
41	.006041	.992322
42	.003560	.995882
43	.002002	.997884
44	.001075	.998960
45	.000551	.999511
46	.000270	.999780
47	.000126	.999906
48	.000056	.999962
49	.000024	.999986
50	.000010	.999995
51	.000004	.999999
52	.000001	1.000001
53	.000000	1.000001

n-
85

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
11	.000001	.000001	11	.000000	.000000	13	.000001	.000002
12	.000002	.000003	12	.000001	.000001	14	.000004	.000006
13	.000006	.000009	13	.000003	.000004	15	.000012	.000018
14	.000019	.000028	14	.000009	.000013	16	.000035	.000053
15	.000054	.000082	15	.000026	.000039	17	.000090	.000143
16	.000139	.000221	16	.000070	.000110	18	.000218	.000361
17	.000330	.000551	17	.000175	.000285	19	.000491	.000851
18	.000733	.001284	18	.000405	.000690	20	.001035	.001887
19	.001518	.002802	19	.000876	.001566	21	.002049	.003936
20	.002941	.005743	20	.001772	.003338	22	.003811	.007746
21	.005347	.011089	21	.003362	.006700	23	.006673	.014420
22	.009135	.020224	22	.005994	.012694	24	.011022	.025442
23	.014695	.034919	23	.010063	.022757	25	.017194	.042636
24	.022295	.057214	24	.015933	.038690	26	.025369	.068005
25	.031949	.089163	25	.023827	.062517	27	.035442	.103447
26	.043301	.132463	26	.033701	.096218	28	.046938	.150385
27	.055571	.188034	27	.045136	.141354	29	.058985	.209370
28	.067605	.255639	28	.057304	.198658	30	.070395	.279765
29	.078039	.333678	29	.069032	.267690	31	.079850	.359615
30	.085554	.419232	30	.078979	.346669	32	.086150	.445765
31	.089146	.508379	31	.085883	.432552	33	.088461	.534225
32	.088351	.596729	32	.088826	.521378	34	.086499	.620724
33	.083336	.680065	33	.087437	.608815	35	.080584	.701308
34	.074855	.754920	34	.081962	.690777	36	.071557	.772865
35	.064059	.818979	35	.073199	.763976	37	.060587	.833451
36	.052253	.871232	36	.062311	.826287	38	.048930	.882381
37	.040641	.911873	37	.050577	.876863	39	.037700	.920081
38	.030150	.942023	38	.039156	.916019	40	.027719	.947799
39	.021339	.963362	39	.028922	.944941	41	.019451	.967250
40	.014412	.977774	40	.020385	.965326	42	.013028	.980278
41	.009290	.987064	41	.013713	.979039	43	.008329	.988607
42	.005716	.992780	42	.008805	.987844	44	.005083	.993690
43	.003357	.996137	43	.005397	.993241	45	.002961	.996651
44	.001882	.998019	44	.003157	.996398	46	.001646	.998298
45	.001007	.999026	45	.001763	.998161	47	.000873	.999171
46	.000514	.999541	46	.000940	.999101	48	.000442	.999613
47	.000251	.999791	47	.000478	.999579	49	.000213	.999826
48	.000117	.999908	48	.000232	.999811	50	.000098	.999925
49	.000052	.999960	49	.000107	.999918	51	.000043	.999968
50	.000022	.999981	50	.000047	.999966	52	.000018	.999986
51	.000009	.999990	51	.000020	.999986	53	.000007	.999993
52	.000003	.999994	52	.000008	.999994	54	.000003	.999996
53	.000001	.999995	53	.000003	.999997	55	.000001	.999997
54	.000000	.999995	54	.000001	.999998	56	.000000	.999997
			55	.000000	.999998			

50-100 BINOMIAL TABLES

n=
85

p=.40

x	Individual Term	Cumulative (x or less)
13	.000001	.000001
14	.000002	.000003
15	.000006	.000008
16	.000017	.000025
17	.000045	.000070
18	.000113	.000183
19	.000267	.000450
20	.000587	.001037
21	.001211	.002247
22	.002348	.004595
23	.004287	.008882
24	.007383	.016266
25	.012010	.028276
26	.018477	.046753
27	.026918	.073671
28	.037172	.110843
29	.048708	.159552
30	.060615	.220167
31	.071695	.291862
32	.080657	.372519
33	.086360	.458879
34	.088053	.546932
35	.085538	.632470
36	.079201	.711671
37	.069926	.781597
38	.058885	.840481
39	.047309	.887790
40	.036270	.924061
41	.026539	.950600
42	.018535	.969135
43	.012357	.981492
44	.007863	.989356
45	.004776	.994132
46	.002769	.996901
47	.001532	.998433
48	.000808	.999241
49	.000407	.999648
50	.000195	.999843
51	.000089	.999933
52	.000039	.999972
53	.000016	.999988
54	.000006	.999994
55	.000002	.999997
56	.000001	.999998
57	.000000	.999998

p=.41

x	Individual Term	Cumulative (x or less)
14	.000001	.000001
15	.000003	.000004
16	.000008	.000011
17	.000022	.000033
18	.000057	.000091
19	.000141	.000231
20	.000322	.000554
21	.000693	.001247
22	.001402	.002649
23	.002668	.005317
24	.004790	.010108
25	.008123	.018231
26	.013026	.031256
27	.019780	.051037
28	.028473	.079509
29	.038890	.118399
30	.050447	.168846
31	.062197	.231043
32	.072936	.303980
33	.081403	.385383
34	.086516	.471898
35	.087605	.559503
36	.084553	.644056
37	.077813	.721869
38	.068304	.790173
39	.057202	.847375
40	.045713	.893088
41	.034866	.927953
42	.025382	.953336
43	.017639	.970975
44	.011700	.982675
45	.007408	.990083
46	.004476	.994559
47	.002581	.997140
48	.001420	.998560
49	.000745	.999306
50	.000373	.999679
51	.000178	.999857
52	.000081	.999937
53	.000035	.999972
54	.000014	.999987
55	.000006	.999992
56	.000002	.999994
57	.000001	.999995
58	.000000	.999995

p=.42

x	Individual Term	Cumulative (x or less)
14	.000000	.000000
15	.000001	.000002
16	.000004	.000005
17	.000010	.000015
18	.000028	.000044
19	.000072	.000115
20	.000172	.000287
21	.000385	.000672
22	.000811	.001484
23	.001609	.003093
24	.003011	.006104
25	.005320	.011424
26	.008890	.020314
27	.014067	.034381
28	.021101	.055481
29	.030032	.085514
30	.040596	.126109
31	.052156	.178265
32	.063733	.241998
33	.074122	.316120
34	.082091	.398211
35	.086620	.484831
36	.087118	.571949
37	.083545	.655495
38	.076419	.731914
39	.066689	.798603
40	.055536	.854139
41	.044139	.898278
42	.033485	.931763
43	.024248	.956011
44	.016761	.972771
45	.011058	.983830
46	.006963	.990793
47	.004184	.994977
48	.002399	.997375
49	.001312	.998687
50	.000684	.999371
51	.000340	.999711
52	.000161	.999872
53	.000073	.999945
54	.000031	.999976
55	.000013	.999988
56	.000005	.999993
57	.000002	.999995
58	.000001	.999996
59	.000000	.999996

n=
85

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
15	.000000	.000001	15	.000000	.000000	17	.000001	.000001
16	.000002	.000002	16	.000001	.000001	18	.000003	.000004
17	.000005	.000007	17	.000002	.000003	19	.000008	.000012
18	.000013	.000020	18	.000006	.000009	20	.000022	.000034
19	.000036	.000056	19	.000017	.000026	21	.000055	.000088
20	.000089	.000145	20	.000045	.000071	22	.000130	.000219
21	.000207	.000352	21	.000108	.000179	23	.000292	.000511
22	.000455	.000807	22	.000248	.000427	24	.000618	.001129
23	.000941	.001748	23	.000533	.000959	25	.001233	.002362
24	.001833	.003581	24	.001081	.002041	26	.002329	.004691
25	.003374	.006956	25	.002073	.004114	27	.004163	.008854
26	.005874	.012830	26	.003759	.007872	28	.007056	.015910
27	.009684	.022513	27	.006453	.014325	29	.011347	.027256
28	.015132	.037646	28	.010503	.024828	30	.017329	.044586
29	.022437	.060083	29	.016220	.041048	31	.025156	.069741
30	.031596	.091679	30	.023789	.064838	32	.034732	.104473
31	.042289	.133968	31	.033163	.098000	33	.045639	.150113
32	.053835	.187803	32	.043970	.141970	34	.057110	.207223
33	.065226	.253028	33	.055486	.197456	35	.068087	.275311
34	.075255	.328284	34	.066676	.264133	36	.077372	.352683
35	.082724	.411008	35	.076338	.340470	37	.083836	.436518
36	.086675	.497683	36	.083305	.423775	38	.086644	.523162
37	.086593	.584276	37	.086682	.510458	39	.085432	.608594
38	.082515	.666791	38	.086030	.596488	40	.080383	.688977
39	.075017	.741808	39	.081461	.677949	41	.072185	.761162
40	.065081	.806888	40	.073606	.751555	42	.061873	.823034
41	.053886	.860774	41	.063475	.815031	43	.050623	.873657
42	.042586	.903360	42	.052249	.867279	44	.039536	.913194
43	.032127	.935487	43	.041052	.908331	45	.029472	.942666
44	.023134	.958621	44	.030789	.939121	46	.020969	.963635
45	.015901	.974522	45	.022041	.961162	47	.014236	.977870
46	.010431	.984952	46	.015059	.976221	48	.009221	.987091
47	.006529	.991482	47	.009818	.986039	49	.005697	.992788
48	.003900	.995381	48	.006107	.992147	50	.003356	.996144
49	.002221	.997603	49	.003623	.995770	51	.001884	.998029
50	.001207	.998809	50	.002050	.997820	52	.001008	.999037
51	.000625	.999434	51	.001105	.998925	53	.000514	.999550
52	.000308	.999742	52	.000568	.999493	54	.000249	.999799
53	.000145	.999886	53	.000278	.999771	55	.000115	.999914
54	.000065	.999951	54	.000129	.999900	56	.000050	.999964
55	.000028	.999979	55	.000057	.999957	57	.000021	.999985
56	.000011	.999990	56	.000024	.999981	58	.000008	.999994
57	.000004	.999994	57	.000010	.999991	59	.000003	.999997
58	.000002	.999996	58	.000004	.999995	60	.000001	.999998
59	.000001	.999996	59	.000001	.999996	61	.000000	.999998
60	.000000	.999996	60	.000000	.999996			

p=.46		
x	Individual Term	Cumulative (x or less)
17	.000000	.000001
18	.000001	.000002
19	.000004	.000005
20	.000010	.000016
21	.000027	.000042
22	.000067	.000109
23	.000155	.000264
24	.000342	.000606
25	.000710	.001317
26	.001397	.002713
27	.002600	.005313
28	.004588	.009901
29	.007681	.017582
30	.012214	.029796
31	.018459	.048255
32	.026535	.074790
33	.036304	.111094
34	.047998	.158392
35	.058709	.217101
36	.069460	.286561
37	.078360	.364921
38	.084317	.449239
39	.086559	.535798
40	.084796	.620594
41	.079281	.699875
42	.070752	.770627
43	.060270	.830897
44	.049007	.879904
45	.038036	.917940
46	.028175	.946115
47	.019916	.966031
48	.013431	.979461
49	.008639	.988100
50	.005299	.993399
51	.003098	.996497
52	.001725	.998222
53	.000915	.999137
54	.000462	.999599
55	.000222	.999821
56	.000101	.999922
57	.000044	.999966
58	.000018	.999984
59	.000007	.999991
60	.000003	.999993
61	.000001	.999994
62	.000000	.999995

p=.47		
x	Individual Term	Cumulative (x or less)
18	.000001	.000001
19	.000002	.000002
20	.000005	.000007
21	.000013	.000020
22	.000033	.000053
23	.000080	.000133
24	.000183	.000316
25	.000390	.000712
26	.000811	.001523
27	.001571	.003094
28	.002887	.005981
29	.005031	.011012
30	.008329	.019341
31	.013104	.032444
32	.019609	.052053
33	.027928	.079982
34	.037878	.117860
35	.048945	.166805
36	.060284	.227099
37	.070798	.297887
38	.079304	.377191
39	.084753	.461944
40	.086432	.548375
41	.084125	.632500
42	.078153	.710653
43	.069306	.779959
44	.058660	.838620
45	.047400	.886026
46	.036552	.922578
47	.026896	.949474
48	.018882	.968357
49	.012644	.981001
50	.008073	.989074
51	.004913	.993987
52	.002849	.996836
53	.001573	.998409
54	.000827	.999235
55	.000413	.999649
56	.000196	.999845
57	.000089	.999934
58	.000038	.999971
59	.000015	.999987
60	.000006	.999993
61	.000002	.999995
62	.000001	.999996
63	.000000	.999996

p=.48		
x	Individual Term	Cumulative (x or less)
18	.000000	.000000
19	.000001	.000001
20	.000002	.000003
21	.000006	.000009
22	.000016	.000025
23	.000040	.000064
24	.000095	.000159
25	.000214	.000373
26	.000456	.000829
27	.000919	.001748
28	.001757	.003505
29	.003188	.006694
30	.005494	.012188
31	.008997	.021185
32	.014015	.035201
33	.020778	.055979
34	.029334	.085312
35	.039455	.124768
36	.050584	.175351
37	.061836	.237187
38	.072101	.309288
39	.080206	.389494
40	.085142	.474637
41	.086260	.560897
42	.083417	.644314
43	.077000	.721314
44	.067846	.789160
45	.057060	.846220
46	.045801	.892021
47	.035082	.927103
48	.025637	.952739
49	.017869	.970608
50	.011876	.982484
51	.007523	.990008
52	.004541	.994548
53	.002610	.997158
54	.001428	.998586
55	.000743	.999328
56	.000367	.999696
57	.000172	.999868
58	.000077	.999945
59	.000032	.999977
60	.000013	.999990
61	.000005	.999995
62	.000002	.999997
63	.000001	.999998
64	.000000	.999998

n=
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50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
20	.000001	.000001	20	.000000	.000001
21	.000003	.000004	21	.000001	.000002
22	.000007	.000011	22	.000003	.000005
23	.000019	.000030	23	.000009	.000014
24	.000048	.000078	24	.000023	.000037
25	.000112	.000190	25	.000056	.000093
26	.000248	.000437	26	.000130	.000224
27	.000520	.000957	27	.000285	.000508
28	.001035	.001992	28	.000589	.001097
29	.001954	.003947	29	.001158	.002256
30	.003505	.007452	30	.002162	.004418
31	.005975	.013427	31	.003836	.008254
32	.009687	.023114	32	.006474	.014728
33	.014948	.038062	33	.010397	.025125
34	.021965	.060028	34	.015902	.041027
35	.030752	.090779	35	.023171	.064198
36	.041036	.131815	36	.032182	.096380
37	.052213	.184028	37	.042619	.139000
38	.063367	.247395	38	.053835	.192835
39	.073371	.320766	39	.064878	.257713
40	.081067	.401833	40	.074610	.332322
41	.085487	.487320	41	.081889	.414211
42	.086046	.573366	42	.085788	.499999
43	.082672	.656038	43	.085788	.585788
44	.075819	.731857	44	.081889	.667676
45	.066371	.798227	45	.074610	.742286
46	.055450	.853678	46	.064878	.807164
47	.044208	.897885	47	.053835	.860999
48	.033625	.931510	48	.042619	.903619
49	.024395	.955905	49	.032182	.935801
50	.016875	.972780	50	.023171	.958972
51	.011127	.983907	51	.015902	.974873
52	.006990	.990897	52	.010397	.985271
53	.004182	.995079	53	.006474	.991744
54	.002381	.997460	54	.003836	.995581
55	.001289	.998749	55	.002162	.997743
56	.000664	.999413	56	.001158	.998901
57	.000324	.999737	57	.000589	.999491
58	.000150	.999888	58	.000285	.999775
59	.000066	.999954	59	.000130	.999905
60	.000028	.999981	60	.000056	.999962
61	.000011	.999992	61	.000023	.999985
62	.000004	.999996	62	.000009	.999994
63	.000001	.999997	63	.000003	.999997
64	.000000	.999998	64	.000001	.999998
			65	.000000	.999999

50-100 BINOMIAL TABLES

n-
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p=.01

x	Individual Term	Cumulative (x or less)
0	.404732	.404732
1	.367938	.772670
2	.165386	.938057
3	.049003	.987060
4	.010766	.997826
5	.001870	.999696
6	.000268	.999964
7	.000032	.999996
8	.000003	1.000000
9	.000000	1.000000

p=.02

x	Individual Term	Cumulative (x or less)
0	.162311	.162311
1	.298122	.460432
2	.270743	.731175
3	.162077	.893253
4	.071943	.965195
5	.025253	.990448
6	.007301	.997749
7	.001788	.999537
8	.000379	.999916
9	.000070	.999986
10	.000012	.999998
11	.000002	1.000000
12	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.064485	.064485
1	.179493	.243978
2	.247035	.491012
3	.224114	.715126
4	.150757	.865883
5	.080196	.946079
6	.035138	.981217
7	.013041	.994258
8	.004184	.998442
9	.001179	.999621
10	.000295	.999917
11	.000066	.999983
12	.000014	.999997
13	.000003	.999999
14	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.025375	.025375
1	.095157	.120533
2	.176438	.296970
3	.215646	.512616
4	.195429	.708045
5	.140058	.848103
6	.082673	.930776
7	.041336	.972112
8	.017869	.989981
9	.006784	.996765
10	.002290	.999055
11	.000694	.999748
12	.000190	.999939
13	.000048	.999986
14	.000011	.999997
15	.000002	.999999
16	.000000	1.000000

p=.05

x	Individual Term	Cumulative (x or less)
0	.009888	.009888
1	.046840	.056728
2	.109703	.166431
3	.169367	.335798
4	.193880	.529678
5	.175512	.705190
6	.130865	.836055
7	.082651	.918706
8	.045132	.963838
9	.021642	.985480
10	.009226	.994707
11	.003532	.998238
12	.001224	.999462
13	.000386	.999848
14	.000112	.999960
15	.000030	.999990
16	.000007	.999997
17	.000002	.999999
18	.000000	.999999
19	.000000	1.000000

p=.06

x	Individual Term	Cumulative (x or less)
0	.003815	.003815
1	.021917	.025732
2	.062252	.087984
3	.116558	.204542
4	.161817	.366358
5	.177654	.544012
6	.160645	.704657
7	.123047	.827704
8	.081486	.909189
9	.047389	.956578
10	.024501	.981079
11	.011374	.992453
12	.004779	.997233
13	.001830	.999063
14	.000643	.999706
15	.000208	.999913
16	.000062	.999976
17	.000017	.999993
18	.000004	.999997
19	.000001	.999998
20	.000000	.999999

n=
90

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.001457	.001457	0	.000551	.000551	0	.000206	.000206
1	.009870	.011327	1	.004310	.004860	1	.001833	.002039
2	.033060	.044387	2	.016677	.021537	2	.008067	.010106
3	.072992	.117379	3	.042538	.064075	3	.023404	.033510
4	.119495	.236874	4	.080452	.144527	4	.050345	.083855
5	.154701	.391574	5	.120328	.264855	5	.085641	.169496
6	.164959	.556533	6	.148230	.413085	6	.119992	.289488
7	.148995	.705528	7	.154675	.567760	7	.142408	.431896
8	.116152	.821880	8	.139544	.707304	8	.146124	.578020
9	.079792	.901673	9	.110556	.817860	9	.131672	.709692
10	.048648	.950320	10	.077870	.895730	10	.105483	.815175
11	.026630	.976951	11	.049246	.944976	11	.075872	.891047
12	.013196	.990146	12	.028192	.973168	12	.049400	.940446
13	.005959	.996106	13	.014709	.987876	13	.029314	.969761
14	.002467	.998573	14	.007035	.994911	14	.015946	.985706
15	.000941	.999514	15	.003099	.998010	15	.007990	.993697
16	.000332	.999846	16	.001263	.999274	16	.003704	.997401
17	.000109	.999954	17	.000478	.999752	17	.001595	.998996
18	.000033	.999988	18	.000169	.999920	18	.000640	.999635
19	.000009	.999997	19	.000056	.999976	19	.000240	.999875
20	.000003	1.000000	20	.000017	.999993	20	.000084	.999959
21	.000001	1.000001	21	.000005	.999998	21	.000028	.999987
22	.000000	1.000001	22	.000001	1.000000	22	.000009	.999996
			23	.000000	1.000000	23	.000003	.999998
						24	.000001	.999999
						25	.000000	.999999

50-100 BINOMIAL TABLES

n=
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p=.10		
x	Individual Term	Cumulative (x or less)
0	.000076	.000076
1	.000762	.000838
2	.003767	.004604
3	.012276	.016881
4	.029667	.046548
5	.056698	.103246
6	.089246	.192492
7	.118995	.311487
8	.137175	.448661
9	.138868	.587530
10	.124981	.712511
11	.100995	.813506
12	.073876	.887382
13	.049251	.936633
14	.030098	.966730
15	.016944	.983674
16	.008825	.992499
17	.004268	.996768
18	.001923	.998691
19	.000810	.999501
20	.000319	.999820
21	.000118	.999938
22	.000041	.999980
23	.000014	.999993
24	.000004	.999997
25	.000001	.999999
26	.000000	.999999

p=.11		
x	Individual Term	Cumulative (x or less)
0	.000028	.000028
1	.000310	.000338
2	.001705	.002043
3	.006181	.008224
4	.016616	.024840
5	.035324	.060164
6	.061849	.122013
7	.091732	.213745
8	.117628	.331373
9	.132460	.463833
10	.132609	.596441
11	.119199	.715640
12	.096988	.812629
13	.071924	.884553
14	.048892	.933445
15	.030617	.964062
16	.017738	.981800
17	.009543	.991343
18	.004784	.996127
19	.002240	.998367
20	.000983	.999350
21	.000405	.999755
22	.000157	.999912
23	.000057	.999970
24	.000020	.999989
25	.000006	.999996
26	.000002	.999998
27	.000001	.999998
28	.000000	.999999

p=.12		
x	Individual Term	Cumulative (x or less)
0	.000010	.000010
1	.000124	.000134
2	.000751	.000884
3	.003003	.003887
4	.008905	.012793
5	.020887	.033680
6	.040351	.074031
7	.066028	.140059
8	.093415	.233474
9	.116061	.349536
10	.128195	.477731
11	.127135	.604866
12	.114133	.718999
13	.093381	.812380
14	.070036	.882417
15	.048389	.930805
16	.030930	.961735
17	.018360	.980095
18	.010153	.990248
19	.005247	.995495
20	.002540	.998035
21	.001155	.999189
22	.000494	.999683
23	.000199	.999882
24	.000076	.999958
25	.000027	.999985
26	.000009	.999995
27	.000003	.999998
28	.000001	.999999
29	.000000	.999999

n=
90

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000004	.000004	0	.000001	.000001	1	.000007	.000008
1	.000048	.000052	1	.000019	.000020	2	.000055	.000063
2	.000322	.000374	2	.000135	.000155	3	.000287	.000350
3	.001412	.001787	3	.000645	.000800	4	.001101	.001451
4	.004590	.006377	4	.002285	.003085	5	.003342	.004793
5	.011798	.018175	5	.006397	.009482	6	.008355	.013148
6	.024974	.043150	6	.014752	.024234	7	.017693	.030841
7	.044782	.087931	7	.028818	.053052	8	.032394	.063236
8	.069425	.157356	8	.048673	.101725	9	.052085	.115321
9	.094517	.251873	9	.072192	.173916	10	.074451	.189772
10	.114398	.366271	10	.095192	.269108	11	.095552	.285325
11	.124320	.490591	11	.112701	.381809	12	.111009	.396334
12	.122295	.612886	12	.120782	.502592	13	.117539	.513873
13	.109644	.722530	13	.117973	.620565	14	.114082	.627956
14	.090110	.812639	14	.105627	.726192	15	.102003	.729959
15	.068221	.880860	15	.087122	.813314	16	.084377	.814336
16	.047784	.928645	16	.066481	.879795	17	.064816	.879152
17	.031081	.959725	17	.047110	.926905	18	.046388	.925540
18	.018835	.978560	18	.031102	.958007	19	.031021	.956561
19	.010665	.989225	19	.019187	.977194	20	.019434	.975995
20	.005657	.994883	20	.011088	.988282	21	.011432	.987426
21	.002818	.997701	21	.006017	.994299	22	.006327	.993753
22	.001321	.999021	22	.003072	.997371	23	.003301	.997054
23	.000583	.999605	23	.001479	.998850	24	.001626	.998681
24	.000243	.999848	24	.000672	.999521	25	.000758	.999438
25	.000096	.999944	25	.000289	.999810	26	.000334	.999773
26	.000036	.999980	26	.000118	.999928	27	.000140	.999912
27	.000013	.999993	27	.000045	.999973	28	.000056	.999968
28	.000004	.999997	28	.000017	.999990	29	.000021	.999989
29	.000001	.999998	29	.000006	.999995	30	.000008	.999996
30	.000000	.999999	30	.000002	.999997	31	.000003	.999999
			31	.000001	.999998	32	.000001	1.000000
			32	.000000	.999998	33	.000000	1.000001

50-100 BINOMIAL TABLES

n=
90

p=.16		
x	Individual Term	Cumulative (x or less)
1	.000003	.000003
2	.000022	.000025
3	.000124	.000149
4	.000515	.000665
5	.001688	.002352
6	.004554	.006906
7	.010409	.017316
8	.020571	.037886
9	.035699	.073586
10	.055079	.128665
11	.076300	.204965
12	.095678	.300643
13	.109346	.409989
14	.114553	.524542
15	.110553	.635094
16	.098708	.733802
17	.081842	.815643
18	.063222	.878865
19	.045634	.924499
20	.030857	.955356
21	.019592	.974947
22	.011704	.986652
23	.006591	.993243
24	.003505	.996748
25	.001762	.998510
26	.000839	.999349
27	.000379	.999728
28	.000162	.999891
29	.000066	.999957
30	.000026	.999982
31	.000009	.999992
32	.000003	.999995
33	.000001	.999996
34	.000000	.999997

p=.17		
x	Individual Term	Cumulative (x or less)
1	.000001	.000001
2	.000009	.000010
3	.000053	.000062
4	.000234	.000297
5	.000826	.001122
6	.002396	.003518
7	.005889	.009407
8	.012514	.021921
9	.023352	.045273
10	.038742	.084015
11	.057710	.141725
12	.077816	.219540
13	.095629	.315169
14	.107726	.422895
15	.111793	.534688
16	.107331	.642020
17	.095693	.737713
18	.079488	.817201
19	.061695	.878896
20	.044859	.923755
21	.030627	.954382
22	.019674	.974056
23	.011914	.985970
24	.006812	.992782
25	.003683	.996465
26	.001886	.998351
27	.000916	.999267
28	.000422	.999689
29	.000185	.999874
30	.000077	.999951
31	.000031	.999981
32	.000012	.999993
33	.000004	.999997
34	.000001	.999998
35	.000000	.999999

p=.18		
x	Individual Term	Cumulative (x or less)
1	.000000	.000000
2	.000003	.000004
3	.000022	.000025
4	.000104	.000129
5	.000392	.000522
6	.001220	.001741
7	.003213	.004954
8	.007317	.012270
9	.014633	.026903
10	.026018	.052922
11	.041537	.094458
12	.060026	.154484
13	.079058	.233543
14	.095449	.328991
15	.106157	.435149
16	.109232	.544381
17	.104374	.648754
18	.092918	.741672
19	.077293	.818965
20	.060232	.879197
21	.044072	.923268
22	.030342	.953611
23	.019692	.973303
24	.012067	.985370
25	.006993	.992363
26	.003838	.996201
27	.001997	.998197
28	.000986	.999184
29	.000463	.999646
30	.000207	.999853
31	.000088	.999941
32	.000036	.999976
33	.000014	.999990
34	.000005	.999995
35	.000002	.999997
36	.000001	.999997
37	.000000	.999998

n=
90

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000001	.000001	2	.000000	.000001	3	.000001	.000002
3	.000009	.000010	3	.000003	.000004	4	.000008	.000009
4	.000045	.000055	4	.000019	.000023	5	.000036	.000045
5	.000181	.000236	5	.000081	.000104	6	.000134	.000179
6	.000602	.000838	6	.000288	.000393	7	.000429	.000608
7	.001694	.002532	7	.000865	.001258	8	.001182	.001790
8	.004123	.006655	8	.002244	.003502	9	.002862	.004652
9	.008811	.015466	9	.005111	.008613	10	.006163	.010815
10	.016741	.032207	10	.010350	.018963	11	.011915	.022730
11	.028559	.060766	11	.018818	.037781	12	.020851	.043582
12	.044102	.104869	12	.030972	.068753	13	.033256	.076838
13	.062070	.166939	13	.046458	.115211	14	.048622	.125460
14	.080078	.247017	14	.063879	.179090	15	.065486	.190945
15	.095171	.342188	15	.080914	.260004	16	.081598	.272543
16	.104644	.446832	16	.094821	.354825	17	.094418	.366961
17	.106848	.553679	17	.103188	.458013	18	.101788	.468778
18	.101645	.655324	18	.104621	.56263	19	.102534	.571283
19	.090351	.745675	19	.099114	.661748	20	.096758	.668041
20	.075237	.820911	20	.087964	.749712	21	.085735	.753776
21	.058827	.879738	21	.073303	.823015	22	.071479	.825255
22	.043278	.923017	22	.057476	.880491	23	.056176	.881431
23	.030014	.953030	23	.042483	.922974	24	.044688	.923118
24	.019654	.972685	24	.029649	.952623	25	.029255	.952373
25	.012171	.984856	25	.019569	.972192	26	.019442	.971815
26	.007137	.991993	26	.012230	.984422	27	.012250	.984065
27	.003968	.995961	27	.007248	.991670	28	.007327	.991392
28	.002094	.998056	28	.004077	.995746	29	.004164	.995556
29	.001050	.999106	29	.002179	.997925	30	.002251	.997807
30	.000501	.999607	30	.001108	.999033	31	.001158	.998965
31	.000227	.999834	31	.000536	.999569	32	.000568	.999532
32	.000098	.999933	32	.000247	.999816	33	.000265	.999797
33	.000041	.999973	33	.000109	.999925	34	.000118	.999915
34	.000016	.999989	34	.000045	.999970	35	.000050	.999966
35	.000006	.999995	35	.000018	.999988	36	.000020	.999986
36	.000002	.999997	36	.000007	.999995	37	.000008	.999994
37	.000001	.999998	37	.000003	.999998	38	.000003	.999997
38	.000000	.999998	38	.000001	.999999	39	.000001	.999998
			39	.000000	.999999	40	.000000	.999998

50-100 BINOMIAL TABLES

n-
90

p=.22			p=.23			p=.24		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
3	.000001	.000001	4	.000001	.000001	4	.000000	.000001
4	.000003	.000004	5	.000006	.000008	5	.000003	.000003
5	.000015	.000019	6	.000027	.000035	6	.000012	.000015
6	.000061	.000080	7	.000096	.000131	7	.000044	.000059
7	.000206	.000286	8	.000299	.000430	8	.000144	.000202
8	.000603	.000889	9	.000813	.001243	9	.000414	.000616
9	.001550	.002440	10	.001968	.003211	10	.001058	.001675
10	.003542	.005982	11	.004275	.007486	11	.002431	.004105
11	.007265	.013447	12	.008406	.015894	12	.005053	.009159
12	.013491	.026738	13	.015066	.030958	13	.009575	.018734
13	.022831	.049569	14	.024751	.055708	14	.016630	.035364
14	.035417	.084985	15	.037458	.093167	15	.026608	.061972
15	.050613	.135598	16	.052447	.145614	16	.039387	.101358
16	.066916	.202514	17	.068194	.213808	17	.054142	.155500
17	.082156	.284670	18	.082610	.296418	18	.069339	.224839
18	.093976	.378646	19	.093508	.389925	19	.082977	.307816
19	.100444	.479090	20	.099155	.489080	20	.093021	.400837
20	.100573	.579663	21	.098725	.587806	21	.097917	.498754
21	.094556	.674219	22	.092490	.680295	22	.096980	.595734
22	.083645	.757864	23	.081679	.761974	23	.090544	.686278
23	.069751	.827615	24	.068110	.830084	24	.079822	.766100
24	.054922	.882537	25	.053710	.883794	25	.066546	.832646
25	.040895	.923433	26	.040108	.923902	26	.052536	.885182
26	.028837	.952269	27	.028398	.952300	27	.039326	.924508
27	.019279	.971548	28	.019085	.971385	28	.027942	.952450
28	.012235	.983783	29	.012188	.983573	29	.018865	.971314
29	.007378	.991161	30	.007403	.990976	30	.012113	.983427
30	.004231	.995392	31	.004280	.995255	31	.007404	.990831
31	.002310	.997702	32	.002357	.997612	32	.004311	.995141
32	.001201	.998903	33	.001237	.998850	33	.002392	.997534
33	.000595	.999498	34	.000620	.999469	34	.001267	.998800
34	.000282	.999780	35	.000296	.999765	35	.000640	.999440
35	.000127	.999907	36	.000135	.999900	36	.000309	.999749
36	.000055	.999962	37	.000059	.999959	37	.000142	.999891
37	.000023	.999984	38	.000025	.999984	38	.000063	.999954
38	.000009	.999993	39	.000010	.999994	39	.000026	.999981
39	.000003	.999996	40	.000004	.999997	40	.000011	.999991
40	.000001	.999998	41	.000001	.999999	41	.000004	.999995
41	.000000	.999998	42	.000000	.999999	42	.000002	.999997
						43	.000001	.999997
						44	.000000	.999997

n=
90

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
5	.000001	.000001	5	.000000	.000000	6	.000001	.000001
6	.000005	.000006	6	.000002	.000002	7	.000004	.000005
7	.000019	.000026	7	.000008	.000011	8	.000014	.000018
8	.000067	.000093	8	.000031	.000042	9	.000046	.000064
9	.000204	.000297	9	.000098	.000140			
10	.000552	.000849	10	.000279	.000419	10	.000137	.000201
11	.001338	.002187	11	.000713	.001132	11	.000369	.000570
12	.002935	.005122	12	.001649	.002781	12	.000898	.001467
13	.005871	.010992	13	.003477	.006258	13	.001992	.003459
14	.010763	.021755	14	.006720	.012978	14	.004053	.007512
15	.018177	.039932	15	.011962	.024960	15	.007594	.015106
16	.028401	.068333	16	.019701	.044641	16	.013167	.028273
17	.041210	.109543	17	.030131	.074772	17	.021198	.049471
18	.055710	.165253	18	.042934	.117706	18	.031797	.081269
19	.070370	.235622	19	.057164	.174870	19	.044567	.125836
20	.083271	.318894	20	.071301	.246171	20	.058517	.184353
21	.092523	.411417	21	.083505	.329676	21	.072144	.256497
22	.096729	.508146	22	.092020	.421696	22	.083689	.340186
23	.095327	.603473	23	.095588	.517284	23	.091515	.431700
24	.088707	.692180	24	.093758	.611043	24	.094492	.526192
25	.078062	.770243	25	.086967	.698010	25	.092265	.618458
26	.065052	.835295	26	.076190	.774400	26	.085314	.703772
27	.051399	.886694	27	.063620	.838020	27	.074796	.778567
28	.038549	.925243	28	.050294	.888315	28	.062244	.840812
29	.027472	.952715	29	.037779	.926094	29	.049219	.890031
30	.018620	.971335	30	.026990	.953084	30	.037016	.927047
31	.012013	.983348	31	.018354	.971438	31	.026498	.953545
32	.007383	.990731	32	.011890	.983328	32	.018070	.971615
33	.004325	.995056	33	.007342	.990670	33	.011747	.983362
34	.002417	.997473	34	.004325	.994995	34	.007284	.990645
35	.001289	.998762	35	.002431	.997427	35	.004310	.994956
36	.000656	.999419	36	.001305	.998732	36	.002436	.997391
37	.000319	.999738	37	.000669	.999401	37	.001315	.998706
38	.000148	.999887	38	.000328	.999729	38	.000678	.999384
39	.000066	.999953	39	.000154	.999882	39	.000334	.999719
40	.000028	.999981	40	.000069	.999951	40	.000158	.999876
41	.000011	.999992	41	.000029	.999981	41	.000071	.999947
42	.000004	.999996	42	.000012	.999993	42	.000031	.999978
43	.000002	.999998	43	.000005	.999998	43	.000013	.999991
44	.000001	.999999	44	.000002	.999999	44	.000005	.999996
45	.000000	.999999	45	.000001	1.000000	45	.000002	.999998
			46	.000000	1.000001	46	.000001	.999998
						47	.000000	.999999

50-100 BINOMIAL TABLES

n=
90

p=.28

x	Individual Term	Cumulative (x or less)
6	.000000	.000000
7	.000001	.000001
8	.000006	.000008
9	.000021	.000028
10	.000065	.000094
11	.000185	.000279
12	.000474	.000752
13	.001105	.001858
14	.002364	.004221
15	.004657	.008878
16	.008490	.017368
17	.014372	.031740
18	.022666	.054406
19	.033403	.087810
20	.046115	.133925
21	.059779	.193703
22	.072912	.266615
23	.083831	.350446
24	.091011	.441457
25	.093438	.534895
26	.090842	.625737
27	.083739	.709476
28	.073272	.782748
29	.060920	.843668
30	.048172	.891839
31	.036258	.928098
32	.025998	.954095
33	.017769	.971865
34	.011585	.983450
35	.007208	.990658
36	.004283	.994941
37	.002431	.997372
38	.001318	.998690
39	.000684	.999374
40	.000339	.999713
41	.000161	.999873
42	.000073	.999946
43	.000032	.999978
44	.000013	.999991
45	.000005	.999996
46	.000002	.999998
47	.000001	.999999
48	.000000	.999999

p=.29

x	Individual Term	Cumulative (x or less)
7	.000001	.000001
8	.000002	.000003
9	.000009	.000012
10	.000030	.000043
11	.000090	.000133
12	.000242	.000375
13	.000594	.000969
14	.001334	.002304
15	.002762	.005065
16	.005288	.010353
17	.009401	.019754
18	.015573	.035327
19	.024104	.059430
20	.034950	.094380
21	.047585	.141965
22	.060958	.202924
23	.073613	.276537
24	.083938	.360474
25	.090511	.450985
26	.092423	.543408
27	.089482	.632891
28	.082235	.715126
29	.071811	.786937
30	.059640	.846578
31	.047149	.893726
32	.035507	.929233
33	.025490	.954723
34	.017454	.972177
35	.011407	.983584
36	.007118	.990702
37	.004243	.994945
38	.002417	.997362
39	.001316	.998679
40	.000686	.999364
41	.000341	.999706
42	.000163	.999868
43	.000074	.999943
44	.000032	.999975
45	.000014	.999988
46	.000005	.999994
47	.000002	.999996
48	.000001	.999997
49	.000000	.999997

p=.30

x	Individual Term	Cumulative (x or less)
7	.000000	.000000
8	.000001	.000001
9	.000004	.000005
10	.000014	.000019
11	.000043	.000062
12	.000120	.000182
13	.000310	.000492
14	.000730	.001222
15	.001585	.002806
16	.003184	.005990
17	.005940	.011930
18	.010324	.022254
19	.016766	.039020
20	.025509	.064529
21	.036441	.100971
22	.048983	.149954
23	.062065	.212019
24	.074257	.286276
25	.084016	.370292
26	.090017	.460310
27	.091446	.551756
28	.088180	.639936
29	.080796	.720732
30	.070408	.791140
31	.058403	.849542
32	.046149	.895691
33	.034761	.930452
34	.024976	.955428
35	.017126	.972554
36	.011214	.983767
37	.007014	.990781
38	.004192	.994974
39	.002396	.997370
40	.001309	.998679
41	.000684	.999363
42	.000342	.999705
43	.000164	.999869
44	.000075	.999944
45	.000033	.999976
46	.000014	.999990
47	.000006	.999996
48	.000002	.999998
49	.000001	.999999
50	.000000	.999999

n=
90

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
8	.000000	.000001	8	.000000	.000000	10	.000001	.000001
9	.000002	.000002	9	.000001	.000001	11	.000004	.000005
10	.000006	.000008	10	.000003	.000003	12	.000012	.000018
11	.000020	.000028	11	.000009	.000012	13	.000037	.000054
12	.000058	.000086	12	.000027	.000039	14	.000099	.000154
13	.000157	.000243	13	.000077	.000116	15	.000248	.000401
14	.000387	.000630	14	.000199	.000315	16	.000572	.000974
15	.000881	.001510	15	.000475	.000790	17	.001227	.002200
16	.001855	.003366	16	.001047	.001837	18	.002450	.004651
17	.003628	.006994	17	.002144	.003981	19	.004574	.009224
18	.006611	.013604	18	.004092	.008073	20	.007997	.017221
19	.012255	.024859	19	.007297	.015370	21	.013129	.030350
20	.017950	.042809	20	.012191	.027561	22	.020282	.050632
21	.026882	.069692	21	.019123	.046683	23	.029534	.080166
22	.037880	.107571	22	.028224	.074907	24	.040609	.120775
23	.050315	.157887	23	.039268	.114175	25	.052804	.173580
24	.063107	.220993	24	.051587	.165762	26	.065020	.238600
25	.074850	.295843	25	.064090	.229852	27	.075911	.314511
26	.084071	.379914	26	.075399	.305251	28	.084125	.398636
27	.089531	.469445	27	.084106	.389357	29	.088585	.487220
28	.090504	.559949	28	.089053	.478410	30	.088717	.575937
29	.086931	.646880	29	.089595	.568005	31	.084573	.660510
30	.079414	.726293	30	.085730	.653735	32	.076802	.737313
31	.069055	.795349	31	.078084	.731819	33	.066486	.803799
32	.057202	.852551	32	.067750	.799569	34	.054899	.858697
33	.045169	.897720	33	.056035	.855604	35	.043264	.901961
34	.034021	.931741	34	.044208	.899812	36	.032555	.934516
35	.024456	.956196	35	.033286	.933098	37	.023402	.957918
36	.016786	.972983	36	.023931	.957029	38	.016076	.973995
37	.011007	.983989	37	.016436	.973465	39	.010558	.984552
38	.006897	.990886	38	.010788	.984252	40	.006630	.991182
39	.004132	.995018	39	.006769	.991021	41	.003982	.995164
40	.002367	.997385	40	.004061	.995082	42	.002288	.997453
41	.001297	.998681	41	.002331	.997413	43	.001258	.998711
42	.000680	.999361	42	.001280	.998693	44	.000662	.999373
43	.000341	.999702	43	.000672	.999365	45	.000333	.999706
44	.000164	.999866	44	.000338	.999703	46	.000161	.999867
45	.000075	.999941	45	.000163	.999865	47	.000074	.999941
46	.000033	.999970	46	.000075	.999940	48	.000033	.999973
47	.000014	.999988	47	.000033	.999973	49	.000014	.999987
48	.000006	.999993	48	.000014	.999987	50	.000006	.999993
49	.000002	.999995	49	.000006	.999993	51	.000002	.999995
50	.000001	.999996	50	.000002	.999995	52	.000001	.999996
51	.000000	.999996	51	.000001	.999996	53	.000000	.999996
52	.000000	.999997	52	.000000	.999996			

p=.34

x	Individual Term	Cumulative (x or less)
10	.000000	.000001
11	.000002	.000002
12	.000005	.000008
13	.000017	.000025
14	.000048	.000073
15	.000126	.000198
16	.000303	.000501
17	.000680	.001181
18	.001420	.002602
19	.002773	.005374
20	.005071	.010445
21	.008707	.019152
22	.014068	.033220
23	.021426	.054646
24	.030814	.085460
25	.041907	.127368
26	.053971	.181339
27	.066904	.247243
28	.076389	.323632
29	.084132	.407764
30	.088126	.495890
31	.087867	.583757
32	.083457	.667214
33	.075564	.742778
34	.065260	.808038
35	.053790	.861828
36	.042335	.904162
37	.031829	.935991
38	.022869	.958860
39	.015708	.974568
40	.010317	.984885
41	.006482	.991367
42	.003896	.995263
43	.002240	.997503
44	.001233	.998736
45	.000649	.999385
46	.000327	.999712
47	.000158	.999870
48	.000073	.999942
49	.000032	.999975
50	.000014	.999988
51	.000005	.999994
52	.000002	.999996
53	.000001	.999997
54	.000000	.999997

p=.35

x	Individual Term	Cumulative (x or less)
11	.000001	.000001
12	.000002	.000003
13	.000008	.000011
14	.000023	.000034
15	.000062	.000095
16	.000156	.000251
17	.000365	.000616
18	.000797	.001413
19	.001627	.003040
20	.003110	.006150
21	.005581	.011731
22	.009426	.021157
23	.015006	.036162
24	.022556	.058719
25	.032065	.090783
26	.043164	.133948
27	.055093	.189040
28	.066747	.255787
29	.076839	.332625
30	.084128	.416754
31	.087677	.504431
32	.087045	.591476
33	.082378	.673854
34	.074364	.748218
35	.064067	.812286
36	.052705	.864991
37	.041419	.906410
38	.031106	.937516
39	.022333	.959849
40	.015332	.975181
41	.010068	.985249
42	.006325	.991574
43	.003802	.995375
44	.002187	.997562
45	.001204	.998766
46	.000634	.999400
47	.000320	.999719
48	.000154	.999873
49	.000071	.999945
50	.000031	.999976
51	.000013	.999989
52	.000005	.999995
53	.000002	.999997
54	.000001	.999998
55	.000000	.999998

p=.36

x	Individual Term	Cumulative (x or less)
11	.000000	.000000
12	.000001	.000001
13	.000003	.000005
14	.000010	.000015
15	.000029	.000044
16	.000078	.000122
17	.000190	.000312
18	.000434	.000746
19	.000924	.001670
20	.001845	.003515
21	.003460	.006975
22	.006104	.013079
23	.010151	.023230
24	.015940	.039170
25	.023671	.062841
26	.033288	.096129
27	.044384	.140512
28	.056173	.196685
29	.067553	.264238
30	.077264	.341502
31	.084118	.425619
32	.087239	.512858
33	.086248	.599106
34	.081333	.680439
35	.073200	.753638
36	.062906	.816544
37	.051642	.868187
38	.040515	.908702
39	.030387	.939089
40	.021793	.960881
41	.014949	.975831
42	.009811	.985641
43	.006160	.991801
44	.003701	.995503
45	.002128	.997631
46	.001171	.998802
47	.000617	.999419
48	.000311	.999730
49	.000150	.999879
50	.000069	.999949
51	.000030	.999979
52	.000013	.999992
53	.000005	.999997
54	.000002	.999999
55	.000001	1.000000
56	.000000	1.000001

n=
90

50-100 BINOMIAL TABLES

p=.37			p=.38			p=.39		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
12	.000000	.000001	12	.000000	.000000	14	.000001	.000001
13	.000001	.000002	13	.000001	.000001	15	.000003	.000004
14	.000005	.000007	14	.000002	.000003	16	.000008	.000012
15	.000014	.000020	15	.000006	.000009	17	.000022	.000034
16	.000038	.000058	16	.000018	.000026	18	.000058	.000092
17	.000096	.000154	17	.000047	.000073	19	.000140	.000232
18	.000228	.000382	18	.000117	.000190	20	.000318	.000549
19	.000508	.000890	19	.000271	.000461	21	.000677	.001226
20	.001060	.001950	20	.000590	.001051	22	.001357	.002583
21	.002075	.004025	21	.001204	.002255	23	.002565	.005148
22	.003822	.007847	22	.002315	.004570	24	.004578	.009726
23	.006637	.014484	23	.004195	.008765	25	.007727	.017453
24	.010881	.025365	24	.007178	.015933	26	.012351	.029804
25	.016871	.042236	25	.011615	.027558	27	.018717	.048521
26	.024771	.067007	26	.017797	.045355	28	.026925	.075446
27	.034484	.101491	27	.025855	.071210	29	.036803	.112249
28	.045568	.147059	28	.035655	.106865	30	.047844	.160093
29	.057216	.204274	29	.046721	.153586	31	.059204	.219297
30	.068326	.272600	30	.058225	.211811	32	.069789	.289087
31	.077667	.350267	31	.069070	.280881	33	.078422	.367509
32	.084100	.434367	32	.078052	.358933	34	.084056	.451565
33	.086811	.521178	33	.084079	.443012	35	.085985	.537550
34	.085473	.606651	34	.086393	.529405	36	.083988	.621538
35	.080318	.686969	35	.084721	.614125	37	.078369	.699908
36	.072066	.759035	36	.079331	.693456	38	.069883	.769791
37	.061771	.820807	37	.070962	.764418	39	.059573	.829363
38	.050599	.871405	38	.060661	.825079	40	.048561	.877925
39	.039622	.911028	39	.049572	.874651	41	.037863	.915787
40	.029670	.940697	40	.038738	.913390	42	.028242	.944029
41	.021250	.961947	41	.028955	.942344	43	.020156	.964185
42	.014560	.976507	42	.020704	.963049	44	.013765	.977950
43	.009546	.986053	43	.014165	.977214	45	.008996	.986946
44	.005988	.992041	44	.009274	.986488	46	.005627	.992573
45	.003595	.995636	45	.005810	.992298	47	.003368	.995941
46	.002066	.997701	46	.003484	.995782	48	.001929	.997870
47	.001136	.998837	47	.001999	.997781	49	.001057	.998927
48	.000597	.999435	48	.001098	.998878	50	.000554	.999481
49	.000301	.999735	49	.000577	.999455	51	.000278	.999759
50	.000145	.999880	50	.000290	.999745	52	.000133	.999892
51	.000067	.999947	51	.000139	.999884	53	.000061	.999953
52	.000029	.999976	52	.000064	.999948	54	.000027	.999980
53	.000012	.999989	53	.000028	.999976	55	.000011	.999991
54	.000005	.999994	54	.000012	.999988	56	.000004	.999996
55	.000002	.999996	55	.000005	.999992	57	.000002	.999997
56	.000001	.999996	56	.000002	.999994	58	.000001	.999998
57	.000000	.999997	57	.000001	.999995	59	.000000	.999998
			58	.000000	.999995			

50-100 BINOMIAL TABLES

n=
90

p=.40

x	Individual Term	Cumulative (x or less)
14	.000000	.000000
15	.000001	.000002
16	.000004	.000005
17	.000010	.000015
18	.000028	.000043
19	.000070	.000113
20	.000166	.000279
21	.000368	.000647
22	.000770	.001417
23	.001517	.002934
24	.002823	.005757
25	.004969	.010726
26	.008282	.019008
27	.013088	.032096
28	.019632	.051728
29	.027981	.079708
30	.037929	.117638
31	.048941	.166579
32	.060157	.226735
33	.070487	.297222
34	.078779	.376001
35	.084031	.460033
36	.085587	.545620
37	.083274	.628894
38	.077430	.706324
39	.068827	.775151
40	.058503	.833654
41	.047563	.881218
42	.036994	.918211
43	.027530	.945742
44	.019605	.965346
45	.013360	.978707
46	.008713	.987420
47	.005438	.992858
48	.003248	.996106
49	.001856	.997962
50	.001015	.998976
51	.000530	.999507
52	.000265	.999772
53	.000127	.999899
54	.000058	.999957
55	.000025	.999982
56	.000011	.999992
57	.000004	.999997
58	.000002	.999998
59	.000001	.999999
60	.000000	.999999

p=.41

x	Individual Term	Cumulative (x or less)
15	.000000	.000001
16	.000002	.000002
17	.000005	.000007
18	.000013	.000020
19	.000034	.000054
20	.000084	.000137
21	.000194	.000331
22	.000423	.000754
23	.000868	.001622
24	.001684	.003306
25	.003090	.006396
26	.005368	.011764
27	.008842	.020606
28	.013825	.034431
29	.020540	.054971
30	.029023	.083993
31	.039035	.123029
32	.050014	.173043
33	.061085	.234128
34	.071165	.305292
35	.079125	.384418
36	.084005	.468423
37	.085198	.553621
38	.082576	.636198
39	.076511	.712709
40	.067790	.780499
41	.057449	.837949
42	.046576	.884525
43	.036130	.920655
44	.026819	.947474
45	.019051	.966525
46	.012951	.979477
47	.008426	.987902
48	.005245	.993147
49	.003124	.996271
50	.001780	.998052
51	.000970	.999022
52	.000506	.999528
53	.000252	.999780
54	.000120	.999900
55	.000055	.999954
56	.000024	.999978
57	.000010	.999988
58	.000004	.999992
59	.000001	.999993
60	.000001	.999994
61	.000000	.999994

p=.42

x	Individual Term	Cumulative (x or less)
15	.000000	.000000
16	.000001	.000001
17	.000002	.000003
18	.000006	.000009
19	.000016	.000025
20	.000041	.000066
21	.000099	.000164
22	.000225	.000389
23	.000481	.000870
24	.000972	.001842
25	.001858	.003699
26	.003363	.007063
27	.005773	.012836
28	.009406	.022242
29	.014562	.036804
30	.021442	.058246
31	.030052	.088298
32	.040123	.128421
33	.051066	.179486
34	.061993	.241479
35	.071827	.313306
36	.079464	.392770
37	.083981	.476751
38	.084819	.561570
39	.081894	.643464
40	.075611	.719075
41	.066772	.785847
42	.056411	.842258
43	.045599	.887857
44	.035271	.923128
45	.026109	.949237
46	.018495	.967733
47	.012538	.980271
48	.008134	.988405
49	.005049	.993453
50	.002998	.996451
51	.001703	.998154
52	.000925	.999078
53	.000480	.999558
54	.000238	.999797
55	.000113	.999909
56	.000051	.999961
57	.000022	.999983
58	.000009	.999992
59	.000004	.999995
60	.000001	.999997
61	.000000	.999997

n=
90

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
17	.000001	.000001	17	.000000	.000000	18	.000000	.000001
18	.000003	.000004	18	.000001	.000002	19	.000001	.000002
19	.000007	.000011	19	.000003	.000005	20	.000004	.000006
20	.000019	.000030	20	.000009	.000014	21	.000011	.000017
21	.000049	.000079	21	.000023	.000037	22	.000028	.000044
22	.000115	.000195	22	.000057	.000094	23	.000067	.000111
23	.000258	.000452	23	.000134	.000228	24	.000153	.000264
24	.000542	.000995	24	.000293	.000521	25	.000330	.000594
25	.001080	.002075	25	.000607	.001128	26	.000676	.001270
26	.002037	.004112	26	.001193	.002321	27	.001310	.002580
27	.003643	.007755	27	.002222	.004544	28	.002412	.004992
28	.006184	.013939	28	.003929	.008472	29	.004219	.009211
29	.009973	.023913	29	.006599	.015071	30	.007018	.016229
30	.015298	.039211	30	.010543	.025614	31	.011114	.027343
31	.022337	.061548	31	.016033	.041647	32	.016766	.044109
32	.031069	.092617	32	.023226	.064874	33	.024110	.068819
33	.041194	.133811	33	.032075	.096948	34	.033070	.101289
34	.052098	.185909	34	.042250	.139198	35	.043292	.144581
35	.062883	.248792	35	.053114	.192312	36	.054115	.198696
36	.072475	.321267	36	.063758	.256069	37	.064619	.263315
37	.079795	.401061	37	.073112	.329181	38	.073740	.337055
38	.083957	.485019	38	.080121	.409302	39	.080443	.417498
39	.084448	.569467	39	.083936	.493238	40	.083917	.501415
40	.081226	.650693	40	.084086	.577324	41	.083731	.585146
41	.074727	.725420	41	.080570	.657895	42	.079925	.665071
42	.065768	.791188	42	.073856	.731751	43	.072997	.738068
43	.055384	.846572	43	.064777	.796528	44	.063797	.801865
44	.044629	.891201	44	.054367	.850895	45	.053357	.855222
45	.034416	.925617	45	.043666	.894561	46	.042707	.897930
46	.025398	.951015	46	.033563	.928124	47	.032712	.930641
47	.017937	.968953	47	.024688	.952812	48	.023976	.954618
48	.012122	.981075	48	.017377	.970189	49	.016815	.971432
49	.007838	.988913	49	.011703	.981891	50	.011281	.982713
50	.004849	.993762	50	.007540	.989431	51	.007239	.989952
51	.002869	.996631	51	.004646	.994078	52	.004442	.994395
52	.001623	.998254	52	.002738	.996816	53	.002606	.997000
53	.000878	.999132	53	.001542	.998359	54	.001461	.998461
54	.000454	.999586	54	.000830	.999189	55	.000782	.999244
55	.000224	.999810	55	.000427	.999616	56	.000400	.999644
56	.000106	.999916	56	.000210	.999826	57	.000195	.999839
57	.000048	.999963	57	.000098	.999924	58	.000091	.999930
58	.000020	.999984	58	.000044	.999968	59	.000040	.999970
59	.000008	.999992	59	.000019	.999987	60	.000017	.999987
60	.000003	.999995	60	.000008	.999994	61	.000007	.999994
61	.000001	.999996	61	.000003	.999997	62	.000003	.999997
62	.000000	.999997	62	.000001	.999998	63	.000001	.999998
			63	.000000	.999999	64	.000000	.999998

50-100 BINOMIAL TABLES

n=
90

p=.46

x	Individual Term	Cumulative (x or less)
18	.000000	.000000
19	.000001	.000001
20	.000002	.000003
21	.000005	.000007
22	.000013	.000020
23	.000032	.000053
24	.000077	.000130
25	.000174	.000303
26	.000370	.000673
27	.000746	.001420
28	.001431	.002850
29	.002605	.005456
30	.004513	.009969
31	.007441	.017409
32	.011686	.029096
33	.017497	.046592
34	.024987	.071580
35	.034057	.105636
36	.044323	.149959
37	.055104	.205063
38	.065469	.270533
39	.074360	.344893
40	.080764	.425656
41	.083901	.509557
42	.083383	.592940
43	.079289	.672229
44	.072148	.744377
45	.062825	.807202
46	.052354	.859556
47	.041751	.901307
48	.031861	.933169
49	.023264	.956432
50	.016250	.972682
51	.010857	.983539
52	.006936	.990476
53	.004237	.994712
54	.002473	.997185
55	.001379	.998564
56	.000734	.999298
57	.000373	.999671
58	.000181	.999852
59	.000084	.999935
60	.000037	.999972
61	.000015	.999987
62	.000006	.999993
63	.000002	.999996
64	.000001	.999996
65	.000000	.999997

p=.47

x	Individual Term	Cumulative (x or less)
20	.000001	.000001
21	.000002	.000003
22	.000006	.000009
23	.000015	.000024
24	.000038	.000062
25	.000088	.000150
26	.000195	.000345
27	.000411	.000756
28	.000820	.001576
29	.001554	.003131
30	.002803	.005933
31	.004811	.010744
32	.007865	.018609
33	.012259	.030869
34	.018225	.049094
35	.025859	.074953
36	.035035	.109988
37	.045344	.155332
38	.056803	.211415
39	.069312	.277726
40	.074976	.352702
41	.081083	.433785
42	.083888	.517673
43	.083041	.600714
44	.078661	.679376
45	.071306	.750682
46	.061859	.812541
47	.051355	.863896
48	.040797	.904693
49	.031010	.935703
50	.022550	.958253
51	.015684	.973937
52	.010431	.984368
53	.006632	.991001
54	.004030	.995031
55	.002339	.997370
56	.001296	.998666
57	.000686	.999352
58	.000346	.999698
59	.000166	.999865
60	.000076	.999941
61	.000033	.999974
62	.000014	.999988
63	.000005	.999993
64	.000002	.999995
65	.000001	.999996
66	.000000	.999996

p=.48

x	Individual Term	Cumulative (x or less)
20	.000000	.000000
21	.000001	.000001
22	.000003	.000004
23	.000007	.000011
24	.000018	.000028
25	.000043	.000072
26	.000100	.000172
27	.000218	.000390
28	.000454	.000844
29	.000896	.001739
30	.001681	.003420
31	.003003	.006423
32	.005111	.011534
33	.008292	.019826
34	.012832	.032658
35	.018952	.051610
36	.026727	.078337
37	.036006	.114343
38	.046356	.160699
39	.057054	.217753
40	.067148	.284901
41	.075588	.360489
42	.081403	.441892
43	.083878	.525770
44	.082705	.608476
45	.078040	.686516
46	.070471	.756986
47	.060898	.817884
48	.050358	.868242
49	.039844	.908086
50	.030159	.938244
51	.021834	.960078
52	.015116	.975194
53	.010004	.985199
54	.006327	.991526
55	.003823	.995349
56	.002206	.997555
57	.001214	.998769
58	.000638	.999407
59	.000319	.999726
60	.000152	.999878
61	.000069	.999947
62	.000030	.999977
63	.000012	.999990
64	.000005	.999994
65	.000002	.999996
66	.000001	.999997
67	.000000	.999997

n=
90

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
22	.000001	.000001	22	.000000	.000001
23	.000003	.000004	23	.000001	.000002
24	.000008	.000013	24	.000004	.000005
25	.000021	.000033	25	.000009	.000015
26	.000049	.000082	26	.000023	.000038
27	.000112	.000194	27	.000056	.000094
28	.000243	.000437	28	.000125	.000219
29	.000498	.000935	29	.000267	.000486
30	.000973	.001908	30	.000544	.001030
31	.001810	.003718	31	.001052	.002082
32	.003206	.006924	32	.001940	.004023
33	.005413	.012337	33	.003410	.007433
34	.008720	.021057	34	.005717	.013151
35	.013404	.034461	35	.009148	.022299
36	.019676	.054137	36	.013976	.036275
37	.027590	.081727	37	.020397	.056672
38	.036972	.118698	38	.028449	.085121
39	.047362	.166061	39	.037932	.123053
40	.058019	.224079	40	.048363	.171416
41	.067980	.292059	41	.058980	.230396
42	.076200	.368259	42	.068810	.299206
43	.081724	.449983	43	.076811	.376016
44	.083873	.533856	44	.082048	.458064
45	.082375	.616231	45	.083871	.541935
46	.077424	.693655	46	.082048	.623983
47	.069639	.763294	47	.076811	.700793
48	.059939	.823233	48	.068810	.769603
49	.049361	.872594	49	.058980	.828583
50	.038889	.911483	50	.048363	.876946
51	.029305	.940788	51	.037932	.914878
52	.021117	.961905	52	.028449	.943327
53	.014547	.976452	53	.020397	.963724
54	.009576	.986028	54	.013976	.977700
55	.006022	.992051	55	.009148	.986848
56	.003616	.995667	56	.005717	.992566
57	.002073	.997740	57	.003410	.995976
58	.001133	.998873	58	.001940	.997916
59	.000590	.999463	59	.001052	.998969
60	.000293	.999756	60	.000544	.999513
61	.000138	.999894	61	.000267	.999780
62	.000062	.999957	62	.000125	.999905
63	.000026	.999983	63	.000056	.999961
64	.000011	.999994	64	.000023	.999984
65	.000004	.999998	65	.000009	.999994
66	.000002	1.000000	66	.000004	.999997
67	.000001	1.000000	67	.000001	.999998

50-100 BINOMIAL TABLES

n=
95

p=.01

x	Individual Term	Cumulative (x or less)
0	.384896	.384896
1	.369345	.754241
2	.175346	.929586
3	.054906	.984493
4	.012756	.997249
5	.002345	.999594
6	.000355	.999949
7	.000046	.999995
8	.000005	1.000000
9	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.146716	.146716
1	.284449	.431165
2	.272839	.704004
3	.172612	.876617
4	.081022	.957639
5	.030094	.987733
6	.009212	.996945
7	.002390	.999335
8	.000537	.999872
9	.000106	.999978
10	.000019	.999997
11	.000003	.999999
12	.000000	1.000000

p=.03

x	Individual Term	Cumulative (x or less)
0	.055375	.055375
1	.162700	.218075
2	.236502	.454577
3	.226749	.681327
4	.161296	.842623
5	.090791	.933414
6	.042120	.975534
7	.016563	.992096
8	.005635	.997731
9	.001685	.999416
10	.000448	.999864
11	.000107	.999971
12	.000023	.999994
13	.000005	.999999
14	.000001	.999999
15	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.020690	.020690
1	.081899	.102590
2	.160386	.262975
3	.207165	.470140
4	.198533	.668673
5	.150554	.819228
6	.094096	.913324
7	.049849	.963173
8	.022847	.986020
9	.009202	.995223
10	.003298	.998520
11	.001062	.999582
12	.000310	.999891
13	.000082	.999974
14	.000020	.999994
15	.000005	.999998
16	.000001	.999999
17	.000000	1.000000

p=.05

x	Individual Term	Cumulative (x or less)
0	.007651	.007651
1	.038257	.045909
2	.094636	.140545
3	.154406	.294951
4	.186913	.481864
5	.179043	.660906
6	.141350	.802256
7	.094587	.896843
8	.054761	.951604
9	.027861	.979465
10	.012611	.992076
11	.005129	.997205
12	.001890	.999094
13	.000635	.999729
14	.000196	.999925
15	.000056	.999980
16	.000015	.999995
17	.000004	.999998
18	.000001	.999999
19	.000000	.999999

p=.06

x	Individual Term	Cumulative (x or less)
0	.002800	.002800
1	.016978	.019778
2	.050935	.070713
3	.100786	.171499
4	.147962	.319461
5	.171888	.491349
6	.164573	.655922
7	.133560	.789482
8	.093776	.883258
9	.057862	.941119
10	.031762	.972882
11	.015666	.988548
12	.007000	.995548
13	.002853	.998400
14	.001066	.999467
15	.000368	.999834
16	.000117	.999952
17	.000035	.999987
18	.000010	.999996
19	.000002	.999999
20	.000001	.999999
21	.000000	.999999

n=
95

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.001014	.001014	0	.000363	.000363	0	.000129	.000129
1	.007248	.008262	1	.002998	.003361	1	.001207	.001336
2	.025641	.033902	2	.012254	.015615	2	.005612	.006948
3	.059829	.093731	3	.033032	.048647	3	.017208	.024156
4	.103574	.197305	4	.066064	.114711	4	.039142	.063298
5	.141885	.339191	5	.104553	.219264	5	.070456	.133755
6	.160193	.499384	6	.136374	.355637	6	.104523	.238278
7	.153303	.652687	7	.150773	.506411	7	.131433	.369711
8	.126928	.779615	8	.144218	.650628	8	.142988	.512699
9	.092353	.871968	9	.121227	.771855	9	.136703	.649402
10	.059781	.931749	10	.090656	.862511	10	.116272	.765674
11	.034770	.966519	11	.060915	.923427	11	.088859	.854533
12	.018320	.984839	12	.037079	.960506	12	.061518	.916051
13	.008804	.993643	13	.020586	.981091	13	.038845	.954897
14	.003881	.997524	14	.010485	.991576	14	.022502	.977399
15	.001578	.999102	15	.004923	.996499	15	.012018	.989417
16	.000594	.999695	16	.002141	.998640	16	.005943	.995359
17	.000208	.999903	17	.000865	.999505	17	.002731	.998091
18	.000068	.999971	18	.000326	.999830	18	.001171	.999261
19	.000021	.999991	19	.000115	.999945	19	.000469	.999731
20	.000006	.999997	20	.000038	.999983	20	.000176	.999907
21	.000002	.999999	21	.000012	.999995	21	.000062	.999969
22	.000000	.999999	22	.000003	.999999	22	.000021	.999990
			23	.000001	1.000000	23	.000007	.999996
			24	.000000	1.000000	24	.000002	.999998
						25	.000001	.999999
						26	.000000	.999999

50-100 BINOMIAL TABLES

n=
95

p=.10		
x	Individual Term	Cumulative (x or less)
0	.000045	.000045
1	.000475	.000520
2	.002480	.002999
3	.008541	.011540
4	.021826	.033366
5	.044138	.077504
6	.073563	.151067
7	.103922	.254988
8	.127016	.382004
9	.136424	.518428
10	.130361	.648789
11	.111926	.760714
12	.087053	.847768
13	.061756	.909524
14	.040190	.949714
15	.024114	.973828
16	.013397	.987225
17	.006917	.994142
18	.003331	.997473
19	.001500	.998973
20	.000633	.999606
21	.000251	.999857
22	.000094	.999951
23	.000033	.999984
24	.000011	.999995
25	.000003	.999999
26	.000001	1.000000
27	.000000	1.000000

p=.11		
x	Individual Term	Cumulative (x or less)
0	.000016	.000016
1	.000183	.000198
2	.001061	.001260
3	.004067	.005326
4	.011560	.016887
5	.026004	.042891
6	.048210	.091101
7	.075759	.166861
8	.102998	.269859
9	.123058	.392917
10	.130801	.523717
11	.124922	.648639
12	.108079	.756718
13	.085286	.842004
14	.061740	.903744
15	.041206	.944950
16	.025464	.970414
17	.014626	.985040
18	.007833	.992873
19	.003924	.996797
20	.001843	.998640
21	.000813	.999453
22	.000338	.999791
23	.000133	.999924
24	.000049	.999973
25	.000017	.999990
26	.000006	.999996
27	.000002	.999998
28	.000001	.999998
29	.000000	.999999

p=.12		
x	Individual Term	Cumulative (x or less)
0	.000005	.000005
1	.000069	.000074
2	.000442	.000516
3	.001867	.002383
4	.005855	.008238
5	.014532	.022770
6	.029725	.052495
7	.051536	.104031
8	.077304	.181335
9	.101901	.283235
10	.119501	.402737
11	.125921	.528658
12	.120197	.648855
13	.104647	.753502
14	.083582	.837084
15	.061547	.898630
16	.041964	.940594
17	.026592	.967186
18	.015713	.982899
19	.008684	.991583
20	.004500	.996083
21	.002191	.998274
22	.001005	.999279
23	.000435	.999714
24	.000178	.999892
25	.000069	.999961
26	.000025	.999986
27	.000009	.999995
28	.000003	.999998
29	.000001	.999999
30	.000000	.999999

n=
95

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000002	.000002	0	.000001	.000001	1	.000003	.000004
1	.000025	.000027	1	.000009	.000010	2	.000027	.000031
2	.000179	.000206	2	.000071	.000081	3	.000150	.000181
3	.000829	.001036	3	.000358	.000438	4	.000609	.000790
4	.002851	.003886	4	.001339	.001777	5	.001955	.002745
5	.007752	.011639	5	.003967	.005745	6	.005175	.007920
6	.017376	.029015	6	.009687	.015432	7	.011611	.019531
7	.033011	.062026	7	.020051	.035482	8	.022539	.042070
8	.054260	.116286	8	.035904	.071387	9	.038449	.080518
9	.078376	.194662	9	.056501	.127888	10	.058352	.138870
10	.100717	.295379	10	.079101	.206989	11	.079571	.218441
11	.116293	.411672	11	.099503	.306492	12	.098293	.316734
12	.121640	.533311	12	.113388	.419880	13	.110747	.427481
13	.116047	.649358	13	.117850	.537730	14	.114469	.541950
14	.101565	.750923	14	.112369	.650098	15	.109082	.651032
15	.081952	.832875	15	.098780	.748878	16	.096249	.747281
16	.061229	.894104	16	.080402	.829280	17	.078931	.826212
17	.042517	.936621	17	.060824	.890104	18	.060359	.886571
18	.027530	.964150	18	.042907	.933011	19	.043167	.929738
19	.016671	.980822	19	.028307	.961318	20	.028947	.958685
20	.009466	.990288	20	.017511	.978829	21	.018244	.976929
21	.005052	.995339	21	.010181	.989010	22	.010829	.987759
22	.002539	.997878	22	.005575	.994584	23	.006066	.993824
23	.001204	.999083	23	.002880	.997465	24	.003211	.997035
24	.000540	.999622	24	.001407	.998871	25	.001609	.998645
25	.000229	.999852	25	.000650	.999522	26	.000765	.999409
26	.000092	.999944	26	.000285	.999807	27	.000345	.999754
27	.000035	.999979	27	.000119	.999925	28	.000148	.999902
28	.000013	.999992	28	.000047	.999972	29	.000060	.999962
29	.000004	.999996	29	.000018	.999990	30	.000023	.999986
30	.000001	.999998	30	.000006	.999996	31	.000009	.999994
31	.000000	.999998	31	.000002	.999998	32	.000003	.999998
			32	.000001	.999999	33	.000001	.999999
			33	.000000	.999999	34	.000000	.999999

50-100 BINOMIAL TABLES

n=
95

p=.16			p=.17			p=.18		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
1	.000001	.000001	2	.000004	.000004	2	.000001	.000002
2	.000010	.000012	3	.000024	.000029	3	.000010	.000011
3	.000061	.000073	4	.000115	.000144	4	.000048	.000059
4	.000268	.000341	5	.000429	.000573	5	.000192	.000251
5	.000931	.001272	6	.001317	.001890	6	.000631	.000882
6	.002659	.003930	7	.003431	.005321	7	.001762	.002643
7	.006438	.010369	8	.007729	.013050	8	.004253	.006897
8	.013490	.023859	9	.015304	.028353	9	.009026	.015923
9	.024839	.048698	10	.026956	.055310	10	.017039	.032961
10	.040689	.089386	11	.042664	.097973	11	.028902	.061863
11	.059888	.149274	12	.061168	.159142	12	.044410	.106272
12	.079851	.229125	13	.079989	.239131	13	.062240	.168513
13	.097108	.326233	14	.095960	.335091	14	.080023	.248536
14	.108338	.434570	15	.106134	.441224	15	.094857	.343392
15	.111433	.546003	16	.108691	.549915	16	.104111	.447503
16	.106127	.652130	17	.103453	.653368	17	.106202	.553706
17	.093938	.746069	18	.091820	.745188	18	.101022	.654727
18	.077537	.823605	19	.076216	.821403	19	.089869	.744596
19	.059853	.883458	20	.059320	.880723	20	.074964	.819560
20	.043322	.926780	21	.043392	.924115	21	.058770	.878129
21	.029471	.956250	22	.029894	.954009	22	.043393	.921722
22	.018882	.975132	23	.019434	.973443	23	.030232	.951955
23	.011415	.986547	24	.011941	.985384	24	.019909	.971864
24	.006523	.993070	25	.006946	.992330	25	.012412	.984276
25	.003529	.996599	26	.003830	.996161	26	.007335	.991611
26	.001810	.998408	27	.002005	.998166	27	.004115	.995726
27	.000881	.999289	28	.000997	.999163	28	.002194	.997920
28	.000407	.999696	29	.000472	.999635	29	.001113	.999032
29	.000179	.999876	30	.000213	.999847	30	.000537	.999569
30	.000075	.999951	31	.000091	.999939	31	.000247	.999817
31	.000030	.999981	32	.000037	.999976	32	.000109	.999925
32	.000011	.999992	33	.000015	.999991	33	.000045	.999971
33	.000004	.999996	34	.000005	.999996	34	.000018	.999989
34	.000001	.999998	35	.000002	.999998	35	.000007	.999996
35	.000000	.999998	36	.000001	.999999	36	.000003	.999998
			37	.000000	.999999	37	.000001	.999999
						38	.000000	1.000000

n=
95

50-100 BINOMIAL TABLES

p=.19			p=.20			p=.21		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
2	.000000	.000001	2	.000000	.000000	3	.000000	.000001
3	.000004	.000004	3	.000001	.000002	4	.000003	.000004
4	.000020	.000024	4	.000008	.000009			
5	.000083	.000107	5	.000035	.000044	5	.000014	.000018
6	.000293	.000400	6	.000132	.000176	6	.000058	.000076
7	.000874	.001273	7	.000419	.000596	7	.000195	.000271
8	.002254	.003528	8	.001153	.001749	8	.000570	.000841
9	.005111	.008639	9	.002786	.004535	9	.001465	.002306
10	.010311	.018950	10	.005991	.010526	10	.003350	.005656
11	.018689	.037639	11	.011573	.022099	11	.006881	.012537
12	.030687	.068326	12	.020253	.042352	12	.012804	.025341
13	.045958	.114284	13	.032327	.074678	13	.021730	.047071
14	.063142	.177426	14	.047336	.122014	14	.033833	.080904
15	.079979	.257405	15	.063903	.185917	15	.048366	.129470
16	.093803	.351208	16	.079879	.265796	16	.064549	.194019
17	.102250	.453458	17	.092800	.358596	17	.079737	.273756
18	.103933	.557391	18	.100534	.459129	18	.091849	.365605
19	.098801	.656191	19	.101856	.560986	19	.098947	.464553
20	.088067	.744258	20	.096764	.657749	20	.099949	.564502
21	.073777	.818035	21	.086396	.744145	21	.094889	.659391
22	.058210	.876245	22	.072651	.816797	22	.084843	.744234
23	.043337	.919583	23	.057647	.874444	23	.071582	.815816
24	.030497	.950079	24	.043235	.917679	24	.057084	.872900
25	.020316	.970396	25	.030697	.948376	25	.043095	.915995
26	.012830	.983226	26	.020662	.969038	26	.030842	.946837
27	.007691	.990917	27	.013200	.982238	27	.020952	.967789
28	.004381	.995298	28	.008015	.990253	28	.013526	.981315
29	.002374	.997673	29	.004629	.994882	29	.008307	.989622
30	.001225	.998898	30	.002546	.997428	30	.004858	.994480
31	.000603	.999500	31	.001335	.998762	31	.002708	.997187
32	.000283	.999783	32	.000667	.999430	32	.001440	.998627
33	.000127	.999910	33	.000318	.999718	33	.000731	.999357
34	.000054	.999964	34	.000145	.999893	34	.000354	.999711
35	.000022	.999986	35	.000063	.999957	35	.000164	.999875
36	.000009	.999995	36	.000026	.999983	36	.000073	.999948
37	.000003	.999998	37	.000011	.999994	37	.000031	.999979
38	.000001	.999999	38	.000004	.999998	38	.000013	.999991
39	.000000	1.000000	39	.000001	.999999	39	.000005	.999996
			40	.000001	1.000000	40	.000002	.999998
			41	.000000	1.000000	41	.000001	.999999
						42	.000000	.999999

50-100 BINOMIAL TABLES

n=
95

p=.22

x	Individual Term	Cumulative (x or less)
3	.000000	.000000
4	.000001	.000001
5	.000006	.000007
6	.000025	.000032
7	.000088	.000120
8	.000273	.000393
9	.000745	.001138
10	.001806	.002944
11	.003937	.006881
12	.007773	.014654
13	.013997	.028651
14	.023124	.051775
15	.035219	.086994
16	.049668	.136662
17	.065100	.201763
18	.079567	.281330
19	.090949	.372279
20	.097479	.469758
21	.098193	.567951
22	.093158	.661109
23	.083395	.744504
24	.070565	.815070
25	.056525	.871594
26	.042923	.914517
27	.030939	.945456
28	.021193	.966648
29	.013810	.980458
30	.008569	.989027
31	.005068	.994095
32	.002859	.996954
33	.001539	.998493
34	.000792	.999285
35	.000389	.999674
36	.000183	.999857
37	.000082	.999939
38	.000035	.999975
39	.000015	.999989
40	.000006	.999995
41	.000002	.999997
42	.000001	.999998
43	.000000	.999999

p=.23

x	Individual Term	Cumulative (x or less)
5	.000002	.000003
6	.000010	.000013
7	.000039	.000052
8	.000127	.000178
9	.000366	.000545
10	.000941	.001485
11	.002172	.003657
12	.004541	.008198
13	.008660	.016857
14	.015150	.032007
15	.024437	.056444
16	.036497	.092941
17	.050661	.143602
18	.065574	.209175
19	.079378	.288554
20	.090100	.378653
21	.096117	.474771
22	.096571	.571342
23	.091555	.662897
24	.082042	.744939
25	.069598	.814537
26	.055970	.870507
27	.042725	.913232
28	.030993	.944225
29	.021388	.965613
30	.014055	.979669
31	.008803	.988472
32	.005259	.993730
33	.002999	.996729
34	.001633	.998363
35	.000850	.999213
36	.000423	.999637
37	.000202	.999838
38	.000092	.999930
39	.000040	.999970
40	.000017	.999987
41	.000007	.999994
42	.000003	.999996
43	.000001	.999997
44	.000000	.999998

p=.24

x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000004	.000005
7	.000016	.000022
8	.000057	.000079
9	.000175	.000253
10	.000474	.000727
11	.001157	.001884
12	.002557	.004441
13	.005155	.009596
14	.009535	.019132
15	.016260	.035392
16	.025674	.061066
17	.037677	.098743
18	.051557	.150300
19	.065982	.216282
20	.079178	.295460
21	.089299	.384759
22	.094853	.479613
23	.095070	.574683
24	.090067	.664750
25	.080776	.745526
26	.068676	.814202
27	.055422	.869624
28	.042504	.912129
29	.031011	.943139
30	.021544	.964683
31	.014265	.978948
32	.009010	.987958
33	.005432	.993390
34	.003128	.996517
35	.001721	.998239
36	.000906	.999145
37	.000456	.999601
38	.000220	.999821
39	.000101	.999923
40	.000045	.999967
41	.000019	.999986
42	.000008	.999994
43	.000003	.999997
44	.000001	.999998
45	.000000	.999999

n=
95

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
6	.000002	.000002	6	.000001	.000001	7	.000001	.000001
7	.000007	.000009	7	.000003	.000004	8	.000004	.000006
8	.000025	.000034	8	.000011	.000014	9	.000016	.000022
9	.000081	.000115	9	.000036	.000050	10	.000050	.000072
10	.000231	.000346	10	.000109	.000160	11	.000143	.000215
11	.000596	.000942	11	.000297	.000457	12	.000371	.000587
12	.001390	.002332	12	.000730	.001187	13	.000877	.001464
13	.002958	.005290	13	.001639	.002826	14	.001900	.003363
14	.005776	.011065	14	.003372	.006198	15	.003795	.007158
15	.010396	.021462	15	.006397	.012595	16	.007017	.014175
16	.017327	.038789	16	.011239	.023834	17	.012061	.026236
17	.026840	.065628	17	.018350	.042184	18	.019331	.045567
18	.038769	.104397	18	.027939	.070123	19	.028975	.074542
19	.052372	.156768	19	.039782	.109904	20	.040724	.115267
20	.066337	.223106	20	.053114	.163018	21	.053794	.169061
21	.078973	.302079	21	.066649	.229667	22	.066924	.235985
22	.088545	.390624	22	.078767	.308434	23	.078564	.314549
23	.093678	.484302	23	.087837	.396271	24	.087173	.401722
24	.093678	.577981	24	.092585	.488856	25	.091568	.493290
25	.088682	.666663	25	.092385	.581241	26	.091182	.584471
26	.079587	.746250	26	.087391	.668632	27	.086185	.670657
27	.067796	.814046	27	.078468	.747101	28	.077415	.748072
28	.054882	.868928	28	.066956	.814056	29	.066152	.814224
29	.042266	.911194	29	.054351	.868407	30	.053828	.868052
30	.030995	.942189	30	.042012	.910419	31	.041745	.909796
31	.021663	.963852	31	.030950	.941369	32	.030880	.940676
32	.014442	.978294	32	.021749	.963118	33	.021804	.962480
33	.009190	.987485	33	.014588	.977706	34	.014706	.977186
34	.005586	.993071	34	.009347	.987053	35	.009480	.986666
35	.003245	.996316	35	.005723	.992776	36	.005844	.992509
36	.001803	.998119	36	.003352	.996128	37	.003446	.995956
37	.000958	.999078	37	.001878	.998006	38	.001946	.997901
38	.000488	.999565	38	.001007	.999013	39	.001052	.998953
39	.000238	.999803	39	.000517	.999530	40	.000545	.999498
40	.000111	.999914	40	.000254	.999784	41	.000270	.999768
41	.000050	.999963	41	.000120	.999904	42	.000128	.999896
42	.000021	.999984	42	.000054	.999958	43	.000059	.999955
43	.000009	.999993	43	.000023	.999982	44	.000026	.999981
44	.000003	.999996	44	.000010	.999992	45	.000011	.999991
45	.000001	.999998	45	.000004	.999995	46	.000004	.999996
46	.000000	.999998	46	.000001	.999997	47	.000002	.999997
			47	.000001	.999997	48	.000001	.999998
			48	.000000	.999998	49	.000000	.999998

50-100 BINOMIAL TABLES

n=
95

p=.28

x	Individual Term	Cumulative (x or less)
7	.000000	.000001
8	.000002	.000002
9	.000007	.000009
10	.000022	.000031
11	.000067	.000099
12	.000183	.000281
13	.000454	.000735
14	.001034	.001770
15	.002172	.003942
16	.004223	.008165
17	.007632	.015797
18	.012861	.028658
19	.020270	.048928
20	.029954	.078882
21	.041603	.120486
22	.054421	.174906
23	.067171	.242078
24	.078366	.320444
25	.086551	.406995
26	.090620	.497615
27	.090061	.587676
28	.085057	.672733
29	.076421	.749154
30	.065383	.814537
31	.053314	.867850
32	.041466	.909317
33	.030786	.940102
34	.021832	.961934
35	.014797	.976731
36	.009591	.986321
37	.005947	.992268
38	.003530	.995799
39	.002006	.997805
40	.001092	.998897
41	.000570	.999467
42	.000285	.999752
43	.000137	.999889
44	.000063	.999952
45	.000028	.999979
46	.000012	.999991
47	.000005	.999996
48	.000002	.999997
49	.000001	.999998
50	.000000	.999998

p=.29

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000003	.000004
10	.000010	.000013
11	.000031	.000044
12	.000087	.000131
13	.000228	.000359
14	.000544	.000903
15	.001201	.002104
16	.002453	.004557
17	.004655	.009212
18	.008439	.017451
19	.013639	.031090
20	.021169	.052259
21	.030880	.083139
22	.042426	.125565
23	.055000	.180565
24	.067394	.247959
25	.078177	.326136
26	.085970	.412106
27	.089737	.501843
28	.089015	.590858
29	.084000	.674857
30	.075481	.750339
31	.064644	.814983
32	.052808	.867791
33	.041178	.908970
34	.030670	.939640
35	.021833	.961473
36	.014863	.976337
37	.009681	.986017
38	.006035	.992052
39	.003603	.995655
40	.002060	.997715
41	.001129	.998844
42	.000593	.999437
43	.000298	.999735
44	.000144	.999879
45	.000067	.999946
46	.000030	.999975
47	.000013	.999988
48	.000005	.999993
49	.000002	.999995
50	.000001	.999996
51	.000000	.999996

p=.30

x	Individual Term	Cumulative (x or less)
8	.000000	.000000
9	.000001	.000001
10	.000004	.000006
11	.000013	.000019
12	.000040	.000059
13	.000111	.000170
14	.000277	.000447
15	.000642	.001089
16	.001376	.002465
17	.002740	.005205
18	.005088	.010293
19	.008838	.019131
20	.014393	.033523
21	.022030	.055553
22	.031757	.087310
23	.043197	.130507
24	.055539	.186047
25	.067599	.253646
26	.077999	.331645
27	.085428	.417073
28	.088914	.505987
29	.088038	.594026
30	.083008	.677033
31	.074592	.751626
32	.063936	.815562
33	.052311	.867873
34	.040882	.908755
35	.030536	.939292
36	.021812	.961103
37	.014906	.976009
38	.009751	.985760
39	.006108	.991868
40	.003665	.995532
41	.002107	.997639
42	.001161	.998800
43	.000613	.999413
44	.000311	.999724
45	.000151	.999874
46	.000070	.999945
47	.000031	.999976
48	.000013	.999990
49	.000006	.999995
50	.000002	.999997
51	.000001	.999998
52	.000000	.999998

n=
95

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
9	.000000	.000001	9	.000000	.000000	11	.000001	.000001
10	.000002	.000002	10	.000001	.000001	12	.000003	.000005
11	.000006	.000008	11	.000002	.000003	13	.000011	.000015
12	.000018	.000026	12	.000008	.000011	14	.000030	.000045
13	.000052	.000078	13	.000024	.000035	15	.000081	.000126
14	.000137	.000215	14	.000065	.000100	16	.000199	.000325
15	.000332	.000547	15	.000166	.000267	17	.000455	.000779
16	.000746	.001293	16	.000391	.000658	18	.000970	.001749
17	.001557	.002850	17	.000856	.001513	19	.001937	.003686
18	.003032	.005882	18	.001745	.003258	20	.003625	.007311
19	.005521	.011403	19	.003327	.006586	21	.006376	.013686
20	.009425	.020828	20	.005950	.012536	22	.010563	.024249
21	.015123	.035951	21	.010000	.022536	23	.016513	.040762
22	.022854	.058804	22	.015829	.038365	24	.024399	.065161
23	.032588	.091393	23	.023643	.062008	25	.034130	.099291
24	.043923	.135316	24	.033378	.095386	26	.045258	.144549
25	.056044	.191360	25	.044609	.139995	27	.056967	.201516
26	.067790	.259150	26	.056518	.196514	28	.068141	.269657
27	.077833	.336982	27	.067969	.264483	29	.077540	.347198
28	.084923	.421905	28	.077679	.342162	30	.084021	.431219
29	.088148	.510054	29	.084455	.426617	31	.086772	.517991
30	.087126	.597180	30	.087435	.514052	32	.085477	.603468
31	.082076	.679256	31	.086271	.600326	33	.080374	.683842
32	.073749	.753005	32	.081199	.681525	34	.072188	.756030
33	.063255	.816260	33	.072949	.754474	35	.061968	.817998
34	.051823	.868083	34	.062600	.817074	36	.050869	.868867
35	.040578	.908661	35	.051342	.868416	37	.039953	.908820
36	.030385	.939046	36	.040268	.908685	38	.030035	.938855
37	.021768	.960814	37	.030217	.938902	39	.021621	.960476
38	.014927	.975741	38	.021704	.960606	40	.014909	.975385
39	.009802	.985543	39	.014928	.975534	41	.009851	.985235
40	.006165	.991708	40	.009835	.985369	42	.006238	.991473
41	.003716	.995424	41	.006208	.991577	43	.003787	.995260
42	.002146	.997570	42	.003756	.995333	44	.002204	.997465
43	.001189	.998759	43	.002179	.997512	45	.001230	.998695
44	.000631	.999390	44	.001212	.998724	46	.000659	.999354
45	.000321	.999711	45	.000646	.999370	47	.000338	.999692
46	.000157	.999868	46	.000331	.999701	48	.000167	.999859
47	.000073	.999941	47	.000162	.999863	49	.000079	.999938
48	.000033	.999974	48	.000076	.999939	50	.000036	.999973
49	.000014	.999989	49	.000034	.999974	51	.000016	.999989
50	.000006	.999994	50	.000015	.999989	52	.000006	.999995
51	.000002	.999997	51	.000006	.999995	53	.000003	.999998
52	.000001	.999998	52	.000002	.999997	54	.000001	.999999
53	.000000	.999998	53	.000001	.999998	55	.000000	.999999
			54	.000000	.999998			

50-100 BINOMIAL TABLES

n=
95

p=.34

x	Individual Term	Cumulative (x or less)
11	.000000	.000001
12	.000001	.000002
13	.000005	.000006
14	.000014	.000020
15	.000038	.000058
16	.000098	.000156
17	.000234	.000389
18	.000522	.000911
19	.001089	.002000
20	.002132	.004132
21	.003922	.008054
22	.006796	.014850
23	.011112	.025962
24	.017173	.043134
25	.025124	.068259
26	.034846	.103105
27	.045875	.148980
28	.057394	.206374
29	.068309	.274682
30	.077416	.352099
31	.083622	.435720
32	.086156	.521876
33	.084732	.606607
34	.079596	.686204
35	.071464	.757668
36	.061358	.819026
37	.050403	.869430
38	.039631	.909061
39	.029839	.938900
40	.021520	.960420
41	.014872	.975292
42	.009850	.985142
43	.006254	.991396
44	.003808	.995204
45	.002223	.997427
46	.001245	.998672
47	.000669	.999340
48	.000344	.999685
49	.000170	.999855
50	.000081	.999936
51	.000037	.999972
52	.000016	.999988
53	.000007	.999995
54	.000003	.999998
55	.000001	.999999
56	.000000	.999999

p=.35

x	Individual Term	Cumulative (x or less)
12	.000001	.000001
13	.000002	.000003
14	.000006	.000009
15	.000017	.000026
16	.000046	.000072
17	.000116	.000189
18	.000271	.000460
19	.000592	.001052
20	.001211	.002263
21	.002329	.004592
22	.004219	.008811
23	.007210	.016021
24	.011647	.027668
25	.017811	.045479
26	.025820	.071299
27	.035531	.106830
28	.046463	.153293
29	.057802	.211095
30	.068473	.279568
31	.077308	.356876
32	.083255	.440131
33	.085584	.525714
34	.084035	.609749
35	.078863	.688612
36	.070775	.759387
37	.060769	.821056
38	.049944	.870100
39	.039305	.909405
40	.029630	.939035
41	.021402	.960437
42	.014817	.975254
43	.009834	.985088
44	.006258	.991346
45	.003819	.995165
46	.002235	.997400
47	.001255	.998655
48	.000676	.999330
49	.000349	.999679
50	.000173	.999852
51	.000082	.999934
52	.000037	.999972
53	.000016	.999988
54	.000007	.999995
55	.000003	.999998
56	.000001	.999999
57	.000000	.999999

p=.36

x	Individual Term	Cumulative (x or less)
12	.000000	.000000
13	.000001	.000001
14	.000003	.000004
15	.000008	.000011
16	.000021	.000033
17	.000056	.000089
18	.000137	.000225
19	.000311	.000536
20	.000665	.001201
21	.001336	.002538
22	.002528	.005066
23	.004514	.009579
24	.007617	.017196
25	.012168	.029364
26	.018427	.047791
27	.026489	.074280
28	.036186	.110465
29	.047026	.157491
30	.058194	.215686
31	.068637	.284322
32	.077216	.361538
33	.082920	.444458
34	.085053	.529511
35	.083383	.612894
36	.078171	.691065
37	.070117	.761182
38	.060199	.821381
39	.049490	.870871
40	.038974	.909845
41	.029408	.939253
42	.021269	.960522
43	.014746	.975268
44	.009803	.985070
45	.006249	.991319
46	.003821	.995140
47	.002241	.997381
48	.001260	.998641
49	.000680	.999321
50	.000352	.999673
51	.000175	.999848
52	.000083	.999931
53	.000038	.999969
54	.000017	.999985
55	.000007	.999992
56	.000003	.999995
57	.000001	.999996
58	.000000	.999997

50-100 BINOMIAL TABLES

$n=$
95

$p=.37$		
x	Individual Term	Cumulative (x or less)
14	.000001	.000001
15	.000003	.000005
16	.000010	.000014
17	.000026	.000040
18	.000066	.000107
19	.000158	.000265
20	.000353	.000618
21	.000741	.001359
22	.001463	.002822
23	.002728	.005550
24	.004806	.010355
25	.008015	.018371
26	.012674	.031045
27	.019022	.050067
28	.027131	.077199
29	.036814	.114012
30	.047566	.161578
31	.058574	.220153
32	.068802	.288954
33	.077141	.366096
34	.082615	.448711
35	.084564	.533275
36	.082774	.616048
37	.077518	.693567
38	.069488	.763055
39	.059646	.822701
40	.049042	.871743
41	.038638	.910381
42	.029175	.939556
43	.021120	.960676
44	.014659	.975335
45	.009757	.985092
46	.006229	.991320
47	.003814	.995134
48	.002240	.997374
49	.001262	.998636
50	.000682	.999317
51	.000353	.999671
52	.000176	.999846
53	.000084	.999930
54	.000038	.999968
55	.000017	.999985
56	.000007	.999992
57	.000003	.999995
58	.000001	.999996
59	.000000	.999996

$p=.38$		
x	Individual Term	Cumulative (x or less)
14	.000000	.000001
15	.000001	.000002
16	.000004	.000006
17	.000012	.000018
18	.000031	.000049
19	.000078	.000127
20	.000181	.000308
21	.000397	.000705
22	.000818	.001523
23	.001592	.003115
24	.002926	.006041
25	.005094	.011135
26	.008406	.019541
27	.013166	.032707
28	.019597	.052304
29	.027750	.080054
30	.037418	.117472
31	.048086	.165558
32	.058944	.224502
33	.068970	.293472
34	.077084	.370556
35	.082341	.452897
36	.084112	.537010
37	.082206	.619215
38	.076902	.696117
39	.068887	.765004
40	.059110	.824114
41	.048599	.872713
42	.038297	.911011
43	.028931	.939942
44	.020956	.960898
45	.014557	.975454
46	.009698	.985152
47	.006197	.991348
48	.003798	.995146
49	.002233	.997379
50	.001259	.998638
51	.000681	.999319
52	.000353	.999672
53	.000176	.999847
54	.000084	.999931
55	.000038	.999969
56	.000017	.999986
57	.000007	.999993
58	.000003	.999996
59	.000001	.999997
60	.000000	.999997

$p=.39$		
x	Individual Term	Cumulative (x or less)
15	.000001	.000001
16	.000002	.000002
17	.000005	.000008
18	.000014	.000022
19	.000037	.000059
20	.000090	.000149
21	.000206	.000355
22	.000442	.000797
23	.000897	.001694
24	.001721	.003414
25	.003124	.006539
26	.005378	.011917
27	.008787	.020703
28	.013643	.034347
29	.020152	.054499
30	.028346	.082845
31	.037999	.120843
32	.048589	.169432
33	.059306	.228738
34	.069142	.297880
35	.077044	.374925
36	.082096	.457021
37	.083697	.540718
38	.081675	.622393
39	.076319	.698712
40	.068312	.767024
41	.058588	.825612
42	.048160	.873773
43	.037952	.911724
44	.028676	.940400
45	.020778	.961178
46	.014440	.975618
47	.009625	.985243
48	.006154	.991396
49	.003774	.995170
50	.002220	.997389
51	.001252	.998642
52	.000677	.999319
53	.000351	.999670
54	.000175	.999845
55	.000083	.999928
56	.000038	.999966
57	.000017	.999983
58	.000007	.999990
59	.000003	.999993
60	.000001	.999994
61	.000000	.999994

p=.40			p=.41			p=.42		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
15	.000000	.000000	17	.000001	.000001	17	.000000	.000001
16	.000001	.000001	18	.000003	.000004	18	.000001	.000002
17	.000002	.000003	19	.000008	.000012	19	.000003	.000005
18	.000006	.000010	20	.000020	.000032	20	.000009	.000014
19	.000017	.000027	21	.000050	.000082	21	.000023	.000037
20	.000043	.000070	22	.000117	.000198	22	.000057	.000094
21	.000103	.000173	23	.000257	.000455	23	.000131	.000225
22	.000231	.000404	24	.000536	.000991	24	.000284	.000509
23	.000489	.000892	25	.001058	.002048	25	.000584	.001092
24	.000977	.001869	26	.001979	.004027	26	.001138	.002231
25	.001850	.003719	27	.003514	.007541	27	.002106	.004337
26	.003320	.007039	28	.005930	.013470	28	.003704	.008041
27	.005657	.012696	29	.009520	.022991	29	.006197	.014237
28	.009158	.021854	30	.014555	.037546	30	.009872	.024109
29	.014106	.035961	31	.021207	.058753	31	.014989	.039099
30	.020689	.056650	32	.029475	.088228	32	.021709	.060807
31	.028920	.085570	33	.039103	.127331	33	.030011	.090818
32	.038560	.124130	34	.049551	.176882	34	.039629	.130447
33	.049077	.173206	35	.060013	.236895	35	.050014	.180461
34	.059662	.232868	36	.069507	.306402	36	.060362	.240823
35	.069321	.302189	37	.077021	.383424	37	.069701	.310524
36	.077023	.379213	38	.081693	.465117	38	.077038	.387562
37	.081881	.461093	39	.082971	.548088	39	.081533	.469095
38	.083317	.544411	40	.080721	.628810	40	.082658	.551752
39	.081181	.625592	41	.075249	.704058	41	.080294	.632046
40	.075769	.701361	42	.067232	.771290	42	.074756	.706803
41	.067761	.769121	43	.057586	.828876	43	.066723	.773526
42	.058081	.827202	44	.047293	.876168	44	.057102	.830628
43	.047725	.874927	45	.037247	.913415	45	.046863	.877490
44	.037602	.912529	46	.028134	.941549	46	.036886	.914376
45	.028410	.940939	47	.020383	.961931	47	.027847	.942224
46	.020587	.961526	48	.014164	.976076	48	.020165	.962389
47	.014309	.975835	49	.009441	.985537	49	.014006	.976395
48	.009539	.985374	50	.006036	.991573	50	.009333	.985726
49	.006100	.991474	51	.003701	.995274	51	.005962	.991688
50	.003741	.995215	52	.002176	.997450	52	.003653	.995342
51	.002201	.997416	53	.001227	.998677	53	.002146	.997488
52	.001241	.998657	54	.000663	.999340	54	.001209	.999697
53	.000671	.999329	55	.000344	.999684	55	.000653	.999349
54	.000348	.999677	56	.000171	.999854	56	.000338	.999687
55	.000173	.999850	57	.000081	.999935	57	.000167	.999854
56	.000082	.999932	58	.000037	.999972	58	.000079	.999933
57	.000038	.999970	59	.000016	.999988	59	.000036	.999969
58	.000016	.999986	60	.000007	.999995	60	.000016	.999985
59	.000007	.999993	61	.000003	.999998	61	.000007	.999991
60	.000003	.999996	62	.000001	.999999	62	.000003	.999994
61	.000001	.999997	63	.000000	.999999	63	.000001	.999995
62	.000000	.999998				64	.000000	.999995

n=
95

50-100 BINOMIAL TABLES

p=.43		
x	Individual Term	Cumulative (x or less)
18	.000000	.000001
19	.000001	.000002
20	.000004	.000006
21	.000011	.000016
22	.000027	.000043
23	.000064	.000107
24	.000145	.000253
25	.000311	.000564
26	.000632	.001196
27	.001218	.002414
28	.002232	.004647
29	.003891	.008537
30	.006457	.014994
31	.010213	.025208
32	.015410	.040617
33	.022193	.062810
34	.030530	.093340
35	.040140	.133480
36	.050469	.183949
37	.060711	.244660
38	.069904	.314564
39	.077074	.391638
40	.081401	.473038
41	.082376	.555414
42	.079898	.635313
43	.074292	.709604
44	.066234	.775839
45	.056628	.832467
46	.046434	.878902
47	.036520	.915422
48	.027550	.942972
49	.019935	.962907
50	.013836	.976743
51	.009210	.985953
52	.005879	.991832
53	.003598	.995430
54	.002111	.997541
55	.001187	.998728
56	.000640	.999368
57	.000330	.999698
58	.000163	.999861
59	.000077	.999938
60	.000035	.999973
61	.000015	.999988
62	.000006	.999995
63	.000002	.999997
64	.000001	.999998
65	.000000	.999998

p=.44		
x	Individual Term	Cumulative (x or less)
18	.000000	.000000
19	.000001	.000001
20	.000002	.000002
21	.000005	.000007
22	.000012	.000019
23	.000030	.000050
24	.000072	.000121
25	.000160	.000282
26	.000339	.000620
27	.000680	.001301
28	.001298	.002599
29	.002356	.004955
30	.004073	.009028
31	.006710	.015738
32	.010544	.026282
33	.015817	.042099
34	.022662	.064761
35	.031033	.095793
36	.040638	.136431
37	.050915	.187346
38	.061060	.248406
39	.070118	.318524
40	.077130	.395653
41	.081295	.476949
42	.082125	.559073
43	.079533	.638606
44	.073852	.712458
45	.065763	.778221
46	.056164	.834386
47	.046007	.880393
48	.036148	.916541
49	.027243	.943784
50	.019693	.963477
51	.013653	.977129
52	.009077	.986206
53	.005786	.991992
54	.003536	.995528
55	.002071	.997599
56	.001162	.998762
57	.000625	.999386
58	.000322	.999708
59	.000158	.999867
60	.000075	.999941
61	.000034	.999975
62	.000015	.999990
63	.000006	.999996
64	.000002	.999998
65	.000001	.999999
66	.000000	.999999

p=.45		
x	Individual Term	Cumulative (x or less)
20	.000001	.000001
21	.000002	.000003
22	.000005	.000008
23	.000014	.000022
24	.000034	.000056
25	.000080	.000136
26	.000175	.000311
27	.000366	.000678
28	.000728	.001406
29	.001377	.002783
30	.002478	.005260
31	.004251	.009511
32	.006956	.016467
33	.010865	.027331
34	.016210	.043541
35	.023115	.066656
36	.031520	.098176
37	.041123	.139300
38	.051355	.190655
39	.061411	.252066
40	.070343	.322409
41	.077206	.399615
42	.081217	.480831
43	.081903	.562735
44	.079196	.641931
45	.073436	.715367
46	.065309	.780676
47	.055708	.836384
48	.045580	.881964
49	.035770	.917734
50	.026925	.944659
51	.019438	.964097
52	.013457	.977554
53	.008933	.986487
54	.005685	.992172
55	.003467	.995639
56	.002026	.997665
57	.001134	.998799
58	.000608	.999407
59	.000312	.999719
60	.000153	.999872
61	.000072	.999944
62	.000032	.999977
63	.000014	.999990
64	.000006	.999996
65	.000002	.999998
66	.000001	.999999
67	.000000	.999999
68	.000000	1.000000

50-100 BINOMIAL TABLES

n=
95

p=.46		
x	Individual Term	Cumulative (x or less)
20	.000000	.000000
21	.000001	.000001
22	.000002	.000003
23	.000006	.000010
24	.000016	.000025
25	.000038	.000064
26	.000088	.000151
27	.000191	.000342
28	.000394	.000736
29	.000776	.001511
30	.001454	.002965
31	.002596	.005561
32	.004423	.009984
33	.007193	.017178
34	.011174	.028352
35	.016590	.044942
36	.023553	.068495
37	.031994	.100489
38	.041598	.142087
39	.051790	.193878
40	.061765	.255643
41	.070581	.326224
42	.077303	.403526
43	.081164	.484690
44	.081711	.566401
45	.078886	.645288
46	.073043	.718330
47	.064869	.783200
48	.055259	.838459
49	.045151	.883610
50	.035385	.918995
51	.026597	.945592
52	.019171	.964763
53	.013249	.978013
54	.008778	.986791
55	.005574	.992365
56	.003392	.995757
57	.001977	.997734
58	.001103	.998838
59	.000589	.999427
60	.000301	.999728
61	.000147	.999875
62	.000069	.999944
63	.000031	.999975
64	.000013	.999988
65	.000005	.999993
66	.000002	.999995
67	.000001	.999996
68	.000000	.999997

p=.47		
x	Individual Term	Cumulative (x or less)
22	.000001	.000001
23	.000003	.000004
24	.000007	.000011
25	.000018	.000029
26	.000042	.000071
27	.000096	.000166
28	.000206	.000372
29	.000421	.000793
30	.000822	.001616
31	.001529	.003144
32	.002711	.005856
33	.004590	.010446
34	.007423	.017869
35	.011473	.029342
36	.016957	.046299
37	.023978	.070277
38	.032455	.102731
39	.042064	.144795
40	.052223	.197018
41	.062124	.259142
42	.070831	.329973
43	.077420	.407394
44	.081139	.488532
45	.081547	.570079
46	.078603	.648683
47	.072671	.721354
48	.064444	.785798
49	.054816	.840614
50	.044722	.885335
51	.034993	.920328
52	.026257	.946586
53	.018892	.965477
54	.013030	.978507
55	.008614	.987121
56	.005456	.992577
57	.003311	.995887
58	.001924	.997811
59	.001070	.998881
60	.000569	.999450
61	.000290	.999740
62	.000141	.999881
63	.000065	.999946
64	.000029	.999975
65	.000012	.999987
66	.000005	.999992
67	.000002	.999994
68	.000001	.999995
69	.000000	.999995

p=.48		
x	Individual Term	Cumulative (x or less)
22	.000000	.000001
23	.000001	.000002
24	.000003	.000005
25	.000008	.000013
26	.000020	.000032
27	.000046	.000078
28	.000104	.000182
29	.000221	.000403
30	.000448	.000851
31	.000868	.001718
32	.001602	.003320
33	.002823	.006143
34	.004752	.010895
35	.007644	.018539
36	.011760	.030299
37	.017311	.047610
38	.024389	.071999
39	.032903	.104903
40	.042521	.147424
41	.052653	.200077
42	.062489	.262566
43	.071097	.333663
44	.077560	.411224
45	.081140	.492364
46	.081411	.573775
47	.078347	.652122
48	.072320	.724442
49	.064032	.788475
50	.054378	.842853
51	.044290	.887143
52	.034593	.921736
53	.025907	.947643
54	.018600	.966243
55	.012799	.979042
56	.008439	.987481
57	.005330	.992810
58	.003223	.996034
59	.001866	.997900
60	.001033	.998933
61	.000547	.999480
62	.000277	.999758
63	.000134	.999892
64	.000061	.999953
65	.000027	.999981
66	.000011	.999992
67	.000005	.999997
68	.000002	.999998
69	.000001	.999999
70	.000000	.999999

n=
95

50-100 BINOMIAL TABLES

p=.49			p=.50		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
23	.000000	.000001	24	.000000	.000001
24	.000001	.000002	25	.000001	.000002
25	.000003	.000005	26	.000004	.000006
26	.000008	.000013	27	.000010	.000015
27	.000022	.000035	28	.000023	.000039
28	.000050	.000085	29	.000054	.000093
29	.000111	.000197	30	.000119	.000212
30	.000236	.000432	31	.000250	.000462
31	.000474	.000907	32	.000500	.000962
32	.000912	.001819	33	.000954	.001916
33	.001672	.003491	34	.001740	.003656
34	.002930	.006421	35	.003032	.006689
35	.004906	.011328	36	.005054	.011744
36	.007857	.019184	37	.008060	.019804
37	.012037	.031221	38	.012302	.032106
38	.017652	.048873	39	.017980	.050086
39	.024787	.073660	40	.025172	.075259
40	.033341	.107001	41	.033768	.109127
41	.042972	.149973	42	.043416	.152442
42	.053083	.203055	43	.053512	.205955
43	.062862	.265917	44	.063242	.269197
44	.071378	.337294	45	.071674	.340871
45	.077722	.415017	46	.077907	.418778
46	.081168	.496184	47	.081222	.500000
47	.081303	.577488	48	.081222	.581222
48	.078115	.655602	49	.077907	.659128
49	.071988	.727591	50	.071674	.730803
50	.063632	.791222	51	.063242	.794045
51	.053944	.845166	52	.053512	.847557
52	.043855	.889021	53	.043416	.890973
53	.034185	.923206	54	.033768	.924741
54	.025546	.948752	55	.025172	.949913
55	.018296	.967049	56	.017980	.967893
56	.012556	.979605	57	.012302	.980195
57	.008255	.987860	58	.008060	.988256
58	.005196	.993056	59	.005055	.993310
59	.003131	.996187	60	.003033	.996343
60	.001805	.997992	61	.001740	.998083
61	.000995	.998986	62	.000954	.999037
62	.000524	.999511	63	.000500	.999537
63	.000264	.999775	64	.000250	.999787
64	.000127	.999901	65	.000119	.999906
65	.000058	.999959	66	.000054	.999961
66	.000025	.999985	67	.000023	.999984
67	.000011	.999995	68	.000010	.999994
68	.000004	.999999	69	.000004	.999997
69	.000002	1.000001	70	.000001	.999999
70	.000001	1.000001	71	.000000	.999999
71	.000000	1.000002			

50-100 BINOMIAL TABLES

n=
100

p=.01

x	Individual Term	Cumulative (x or less)
0	.366032	.366032
1	.369730	.735762
2	.184865	.920627
3	.060999	.981626
4	.014942	.996568
5	.002898	.999465
6	.000463	.999929
7	.000063	.999992
8	.000007	.999999
9	.000001	1.000000
10	.000000	1.000001

p=.02

x	Individual Term	Cumulative (x or less)
0	.132620	.132620
1	.270652	.403272
2	.273414	.676686
3	.182276	.858962
4	.090208	.949170
5	.035347	.984516
6	.011422	.995938
7	.003130	.999068
8	.000743	.999811
9	.000155	.999966
10	.000029	.999994
11	.000005	.999999
12	.000001	1.000000
13	.000000	1.000001

p=.03

x	Individual Term	Cumulative (x or less)
0	.047553	.047553
1	.147070	.194622
2	.225153	.419775
3	.227474	.647249
4	.170606	.817855
5	.101308	.919163
6	.049610	.968772
7	.020604	.989376
8	.007408	.996784
9	.002342	.999126
10	.000659	.999785
11	.000167	.999952
12	.000038	.999990
13	.000008	.999998
14	.000002	.999999
15	.000000	1.000000

p=.04

x	Individual Term	Cumulative (x or less)
0	.016870	.016870
1	.070293	.087163
2	.144979	.232143
3	.197333	.429476
4	.199389	.628864
5	.159511	.788375
6	.102233	.893608
7	.058880	.952488
8	.028520	.981008
9	.012147	.993156
10	.004606	.997761
11	.001570	.999332
12	.000485	.999817
13	.000137	.999954
14	.000035	.999989
15	.000008	.999998
16	.000002	1.000000
17	.000000	1.000000

p=.05

x	Individual Term	Cumulative (x or less)
0	.005921	.005921
1	.031161	.037081
2	.081182	.118263
3	.139576	.257839
4	.178143	.435981
5	.180018	.615999
6	.150015	.766014
7	.106025	.872039
8	.064871	.936910
9	.034901	.971811
10	.016716	.988527
11	.007198	.995725
12	.002810	.998535
13	.001001	.999536
14	.000327	.999864
15	.000099	.999962
16	.000028	.999990
17	.000007	.999997
18	.000002	.999999
19	.000000	.999999

p=.06

x	Individual Term	Cumulative (x or less)
0	.002055	.002055
1	.013116	.015171
2	.041442	.056613
3	.086410	.143023
4	.133752	.276775
5	.163917	.440692
6	.165661	.606353
7	.141995	.748348
8	.105363	.853712
9	.068748	.922460
10	.039932	.962392
11	.020854	.983246
12	.009873	.993119
13	.004266	.997384
14	.001692	.999076
15	.000619	.999695
16	.000210	.999905
17	.000066	.999972
18	.000019	.999991
19	.000005	.999997
20	.000001	.999998
21	.000000	.999999

n=
00

50-100 BINOMIAL TABLES

p=.07			p=.08			p=.09		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000705	.000705	0	.000239	.000239	0	.000080	.000080
1	.005308	.006013	1	.002080	.002319	1	.000793	.000873
2	.019776	.025789	2	.008953	.011273	2	.003883	.004756
3	.048624	.074412	3	.025433	.036706	3	.012544	.017301
4	.088752	.163164	4	.053631	.090337	4	.030086	.047387
5	.128261	.291425	5	.089540	.179877	5	.057130	.104517
6	.152855	.444280	6	.123280	.303156	6	.089463	.193980
7	.154499	.598779	7	.143954	.447110	7	.118815	.312795
8	.135187	.733966	8	.145518	.592628	8	.136605	.449400
9	.104014	.837980	9	.129350	.721978	9	.138106	.587506
10	.071244	.909224	10	.102355	.824333	10	.124295	.711801
11	.043875	.953099	11	.072822	.897155	11	.100579	.812379
12	.024493	.977592	12	.046965	.944119	12	.073776	.886156
13	.012479	.990071	13	.027645	.971764	13	.049392	.935547
14	.005837	.995908	14	.014939	.986703	14	.030356	.965904
15	.002519	.998427	15	.007448	.994150	15	.017213	.983117
16	.001007	.999435	16	.003440	.997591	16	.009044	.992161
17	.000375	.999809	17	.001478	.999069	17	.004420	.996580
18	.000130	.999939	18	.000593	.999662	18	.002016	.998596
19	.000042	.999981	19	.000222	.999884	19	.000860	.999456
20	.000015	.999994	20	.000078	.999962	20	.000345	.999801
21	.000004	.999998	21	.000026	.999988	21	.000130	.999931
22	.000001	.999999	22	.000008	.999996	22	.000046	.999977
23	.000000	.999999	23	.000002	.999999	23	.000015	.999992
			24	.000001	1.000000	24	.000005	.999997
			25	.000000	1.000000	25	.000001	.999999
						26	.000000	.999999

50-100 BINOMIAL TABLES

n=
100

p=.10			p=.11			p=.12		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000027	.000027	0	.000009	.000009	0	.000003	.000003
1	.000295	.000322	1	.000107	.000116	1	.000038	.000041
2	.001623	.001945	2	.000657	.000773	2	.000258	.000299
3	.005892	.007836	3	.002653	.003426	3	.001151	.001450
4	.015875	.023711	4	.007951	.011377	4	.003806	.005257
5	.033866	.057577	5	.018869	.030246	5	.009965	.015222
6	.059579	.117156	6	.036924	.067170	6	.021516	.036737
7	.088895	.206051	7	.061284	.128454	7	.039399	.076136
8	.114823	.320874	8	.088052	.216506	8	.062456	.138592
9	.130416	.451290	9	.111247	.327753	9	.087060	.225651
10	.131865	.583155	10	.125122	.452874	10	.108033	.333685
11	.119877	.703032	11	.126527	.579402	11	.120533	.454217
12	.098788	.801820	12	.115983	.695385	12	.121902	.576120
13	.074302	.876122	13	.097037	.792422	13	.112525	.688645
14	.051304	.927425	14	.074530	.866952	14	.095354	.783999
15	.032682	.960108	15	.052813	.919765	15	.074550	.858549
16	.019292	.979399	16	.034677	.954442	16	.054006	.912555
17	.010592	.989991	17	.021178	.975620	17	.036389	.948944
18	.005427	.995417	18	.012069	.987689	18	.022881	.971825
19	.002602	.998020	19	.006438	.994127	19	.013466	.985291
20	.001171	.999191	20	.003223	.997350	20	.007437	.992728
21	.000496	.999686	21	.001517	.998867	21	.003863	.996591
22	.000198	.999884	22	.000673	.999540	22	.001892	.998483
23	.000075	.999959	23	.000282	.999823	23	.000875	.999358
24	.000027	.999985	24	.000112	.999934	24	.000383	.999740
25	.000009	.999994	25	.000042	.999977	25	.000159	.999899
26	.000003	.999997	26	.000015	.999992	26	.000062	.999962
27	.000001	.999998	27	.000005	.999997	27	.000023	.999985
28	.000000	.999998	28	.000002	.999998	28	.000008	.999993
			29	.000001	.999999	29	.000003	.999996
			30	.000000	.999999	30	.000001	.999997
						31	.000000	.999997

n=
100

50-100 BINOMIAL TABLES

p=.13			p=.14			p=.15		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
0	.000001	.000001	0	.000000	.000000	1	.000002	.000002
1	.000013	.000014	1	.000005	.000005	2	.000013	.000015
2	.000099	.000113	2	.000037	.000042	3	.000078	.000093
3	.000483	.000596	3	.000197	.000238	4	.000333	.000426
4	.001750	.002346	4	.000776	.001014	5	.001127	.001553
5	.005021	.007367	5	.002425	.003439	6	.003149	.004702
6	.011879	.019246	6	.006251	.009690	7	.007463	.012165
7	.023835	.043081	7	.013664	.023354	8	.015310	.027476
8	.041403	.084484	8	.025858	.049212	9	.027619	.055095
9	.063242	.147726	9	.043030	.092242	10	.044353	.099447
10	.085994	.233720	10	.063745	.155987	11	.064039	.163486
11	.105134	.338854	11	.084903	.240890	12	.083815	.247301
12	.116514	.455368	12	.102509	.343399	13	.100123	.347425
13	.117853	.573221	13	.112962	.456361	14	.109799	.457224
14	.109435	.682656	14	.114275	.570636	15	.111091	.568314
15	.093753	.776409	15	.106657	.677293	16	.104148	.672462
16	.074423	.850832	16	.092240	.769533	17	.090814	.763276
17	.054949	.905782	17	.074195	.843728	18	.073898	.837173
18	.037861	.943643	18	.055694	.899423	19	.056281	.893454
19	.024416	.968059	19	.039129	.938552	20	.040224	.933679
20	.014776	.982835	20	.025798	.964350	21	.027042	.960720
21	.008411	.991246	21	.015999	.980349	22	.017136	.977856
22	.004513	.995759	22	.009352	.989701	23	.010255	.988112
23	.002287	.998046	23	.005163	.994864	24	.005806	.993918
24	.001096	.999143	24	.002697	.997561	25	.003115	.997033
25	.000498	.999641	25	.001335	.998895	26	.001586	.998619
26	.000215	.999855	26	.000627	.999522	27	.000767	.999385
27	.000088	.999943	27	.000280	.999802	28	.000353	.999738
28	.000034	.999978	28	.000119	.999920	29	.000155	.999893
29	.000013	.999990	29	.000048	.999968	30	.000065	.999957
30	.000004	.999995	30	.000018	.999987	31	.000026	.999983
31	.000002	.999996	31	.000007	.999994	32	.000010	.999993
32	.000000	.999997	32	.000002	.999996	33	.000004	.999997
			33	.000001	.999997	34	.000001	.999998
			34	.000000	.999997	35	.000000	.999998

50-100 BINOMIAL TABLES

n=
100

p=.16

x	Individual Term	Cumulative (x or less)
1	.000001	.000001
2	.000005	.000005
3	.000030	.000035
4	.000138	.000174
5	.000506	.000679
6	.001525	.002204
7	.003901	.006105
8	.008637	.014742
9	.016817	.031559
10	.029150	.060709
11	.045429	.106138
12	.064177	.170315
13	.082748	.253064
14	.097947	.351011
15	.106964	.457975
16	.108238	.566213
17	.101871	.668084
18	.089474	.757558
19	.073552	.831110
20	.056740	.887851
21	.041172	.929023
22	.028161	.957184
23	.018191	.975375
24	.011117	.986492
25	.006437	.992929
26	.003537	.996466
27	.001846	.998312
28	.000917	.999229
29	.000434	.999663
30	.000195	.999858
31	.000084	.999942
32	.000035	.999977
33	.000014	.999990
34	.000005	.999996
35	.000002	.999997
36	.000001	.999998
37	.000000	.999998

p=.17

x	Individual Term	Cumulative (x or less)
2	.000002	.000002
3	.000011	.000013
4	.000056	.000069
5	.000219	.000288
6	.000712	.001000
7	.001958	.002958
8	.004661	.007619
9	.009759	.017378
10	.018190	.035568
11	.030482	.066049
12	.046304	.112354
13	.064199	.176553
14	.081713	.258267
15	.095956	.354223
16	.104410	.458632
17	.105668	.564300
18	.099797	.664097
19	.088216	.752314
20	.073177	.825491
21	.057097	.882589
22	.041994	.924583
23	.029170	.953753
24	.019168	.972921
25	.011935	.984856
26	.007052	.991907
27	.003958	.995866
28	.002114	.997979
29	.001075	.999054
30	.000521	.999575
31	.000241	.999816
32	.000106	.999923
33	.000045	.999968
34	.000018	.999986
35	.000007	.999993
36	.000003	.999995
37	.000001	.999996
38	.000000	.999997

p=.18

x	Individual Term	Cumulative (x or less)
2	.000001	.000001
3	.000004	.000005
4	.000022	.000027
5	.000092	.000119
6	.000321	.000440
7	.000946	.001386
8	.002414	.003800
9	.005417	.009217
10	.010821	.020039
11	.019435	.039474
12	.031641	.071115
13	.047016	.118131
14	.064136	.182267
15	.080717	.262984
16	.094129	.357113
17	.102097	.459209
18	.103342	.562551
19	.097903	.660453
20	.087038	.747491
21	.072784	.820275
22	.057372	.877647
23	.042710	.920357
24	.030079	.950436
25	.020072	.970508
26	.012710	.983218
27	.007647	.990865
28	.004376	.995241
29	.002385	.997626
30	.001239	.998865
31	.000614	.999479
32	.000291	.999770
33	.000131	.999901
34	.000057	.999958
35	.000024	.999982
36	.000009	.999991
37	.000004	.999994
38	.000001	.999996
39	.000000	.999996

n=
100

50-100 BINOMIAL TABLES

p=.19		
x	Individual Term	Cumulative (x or less)
3	.000001	.000002
4	.000008	.000010
5	.000038	.000048
6	.000140	.000188
7	.000441	.000629
8	.001203	.001832
9	.002885	.004718
10	.006159	.010876
11	.011820	.022696
12	.020563	.043259
13	.032651	.075910
14	.047594	.123504
15	.064007	.187512
16	.079762	.267274
17	.092448	.359722
18	.099993	.459715
19	.101228	.560943
20	.096166	.657109
21	.089934	.743043
22	.072383	.815426
23	.057580	.873006
24	.043333	.916339
25	.030900	.947239
26	.020908	.968147
27	.013442	.981589
28	.008220	.989809
29	.004787	.994596
30	.002658	.997254
31	.001408	.998662
32	.000712	.999374
33	.000344	.999718
34	.000159	.999877
35	.000070	.999947
36	.000030	.999977
37	.000012	.999989
38	.000005	.999994
39	.000002	.999996
40	.000001	.999996
41	.000000	.999996
42	.000000	.999997

p=.20		
x	Individual Term	Cumulative (x or less)
3	.000001	.000001
4	.000003	.000004
5	.000015	.000019
6	.000059	.000078
7	.000199	.000277
8	.000578	.000855
9	.001478	.002334
10	.003363	.005696
11	.006878	.012575
12	.012754	.025329
13	.021583	.046912
14	.033531	.080444
15	.048062	.128505
16	.063832	.192337
17	.078851	.271189
18	.090898	.362087
19	.098074	.460161
20	.099300	.559461
21	.094571	.654032
22	.084899	.738931
23	.071980	.810911
24	.057734	.868645
25	.043878	.912523
26	.031643	.944166
27	.021681	.965847
28	.014131	.979978
29	.008771	.988749
30	.005190	.993939
31	.002930	.996868
32	.001579	.998448
33	.000814	.999261
34	.000401	.999662
35	.000189	.999851
36	.000085	.999936
37	.000037	.999973
38	.000015	.999988
39	.000006	.999995
40	.000002	.999997
41	.000001	.999998
42	.000000	.999998

p=.21		
x	Individual Term	Cumulative (x or less)
4	.000001	.000001
5	.000006	.000007
6	.000024	.000031
7	.000087	.000118
8	.000269	.000387
9	.000730	.001117
10	.001766	.002883
11	.003840	.006723
12	.007571	.014295
13	.013624	.027919
14	.022306	.050425
15	.034300	.084724
16	.048438	.133162
17	.063622	.196784
18	.077984	.274768
19	.089466	.364233
20	.096317	.460550
21	.097536	.558087
22	.093103	.651190
23	.083931	.735120
24	.071380	.806701
25	.057844	.864545
26	.044355	.908899
27	.032315	.941214
28	.022395	.963609
29	.014780	.978390
30	.009298	.987688
31	.005581	.993269
32	.003199	.996469
33	.001752	.998221
34	.000918	.999139
35	.000460	.999599
36	.000221	.999820
37	.000102	.999921
38	.000045	.999966
39	.000019	.999985
40	.000008	.999993
41	.000003	.999996
42	.000001	.999997
43	.000000	.999997

50-100 BINOMIAL TABLES

n=
100

p=.22

x	Individual Term	Cumulative (x or less)
4	.000000	.000000
5	.000002	.000003
6	.000010	.000012
7	.000037	.000049
8	.000121	.000170
9	.000348	.000518
10	.000893	.001411
11	.002062	.003473
12	.004313	.007786
13	.008234	.016020
14	.014433	.030433
15	.023339	.053792
16	.034971	.088763
17	.048738	.137501
18	.063387	.200888
19	.077159	.278048
20	.088140	.366188
21	.094705	.460892
22	.095919	.556811
23	.091748	.648559
24	.083024	.731584
25	.071188	.802772
26	.057919	.860691
27	.044773	.905464
28	.032924	.938388
29	.023056	.961444
30	.015390	.976834
31	.009802	.986636
32	.005961	.992597
33	.003465	.996061
34	.001926	.997987
35	.001024	.999011
36	.000522	.999533
37	.000254	.999787
38	.000119	.999906
39	.000053	.999960
40	.000023	.999983
41	.000009	.999992
42	.000004	.999996
43	.000001	.999997
44	.000001	.999998
45	.000000	.999998

p=.23

x	Individual Term	Cumulative (x or less)
5	.000001	.000001
6	.000004	.000005
7	.000015	.000020
8	.000053	.000077
9	.000160	.000233
10	.000436	.000669
11	.001066	.001735
12	.002362	.004097
13	.004776	.008873
14	.008865	.017738
15	.015182	.032920
16	.024092	.057012
17	.035558	.092570
18	.048975	.141545
19	.063135	.204680
20	.076377	.281057
21	.086911	.367968
22	.093221	.461189
23	.094432	.555621
24	.090497	.646118
25	.082176	.728294
26	.070806	.799100
27	.057966	.857066
28	.045142	.902207
29	.033477	.935684
30	.023666	.959350
31	.015962	.975313
32	.010281	.985594
33	.006328	.991922
34	.003725	.995646
35	.002098	.997744
36	.001132	.998876
37	.000585	.999460
38	.000290	.999750
39	.000137	.999887
40	.000063	.999950
41	.000027	.999977
42	.000011	.999989
43	.000005	.999994
44	.000002	.999995
45	.000001	.999996
46	.000000	.999996

p=.24

x	Individual Term	Cumulative (x or less)
5	.000000	.000000
6	.000001	.000002
7	.000006	.000008
8	.000022	.000030
9	.000072	.000102
10	.000206	.000308
11	.000532	.000840
12	.001246	.002085
13	.002663	.004749
14	.005227	.009975
15	.009463	.019438
16	.015875	.035314
17	.024771	.060085
18	.036070	.096155
19	.049160	.145315
20	.062873	.208188
21	.075636	.283824
22	.085769	.369594
23	.091854	.461447
24	.093062	.554510
25	.089340	.643850
26	.081382	.725232
27	.070436	.795668
28	.057991	.853659
29	.045466	.899126
30	.033980	.933106
31	.024230	.957336
32	.016499	.973835
33	.010736	.984572
34	.006681	.991253
35	.003978	.995231
36	.002268	.997499
37	.001239	.998739
38	.000649	.999387
39	.000326	.999713
40	.000157	.999870
41	.000072	.999942
42	.000032	.999974
43	.000014	.999988
44	.000006	.999994
45	.000002	.999996
46	.000001	.999997
47	.000000	.999997

n=
100

50-100 BINOMIAL TABLES

p=.25			p=.26			p=.27		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
6	.000001	.000001	6	.000000	.000000	8	.000001	.000002
7	.000002	.000003	7	.000001	.000001	9	.000005	.000007
8	.000009	.000012	8	.000004	.000005	10	.000018	.000025
9	.000031	.000043	9	.000013	.000018	11	.000054	.000079
10	.000094	.000137	10	.000042	.000059	12	.000148	.000227
11	.000256	.000394	11	.000120	.000179	13	.000370	.000597
12	.000634	.001027	12	.000311	.000490	14	.000851	.001449
13	.001430	.002458	13	.000741	.001231	15	.001806	.003254
14	.002963	.005421	14	.001618	.002849	16	.003548	.006802
15	.005662	.011083	15	.003258	.006107	17	.006484	.013285
16	.010027	.021111	16	.006082	.012189	18	.011058	.024343
17	.016516	.037626	17	.010559	.022748	19	.017651	.041993
18	.025385	.063011	18	.017106	.039854	20	.026440	.068433
19	.036519	.099530	19	.025939	.065793	21	.037253	.105686
20	.049301	.148831	20	.036911	.102704	22	.049478	.155164
21	.062604	.211435	21	.049405	.152109	23	.062061	.217225
22	.074935	.286370	22	.062332	.214441	24	.073644	.290869
23	.084709	.371079	23	.074271	.288712	25	.082804	.373673
24	.090592	.461670	24	.083723	.372435	26	.088345	.462018
25	.091799	.553470	25	.089425	.461860	27	.089555	.551573
26	.088269	.641738	26	.090633	.552493	28	.086357	.637930
27	.080640	.722379	27	.087276	.639769	29	.079300	.717230
28	.070080	.792459	28	.079947	.719716	30	.069414	.786644
29	.057998	.850457	29	.069740	.789456	31	.057973	.844617
30	.043754	.896210	30	.057991	.847446	32	.046235	.890852
31	.034438	.930649	31	.046008	.893455	33	.035237	.926089
32	.024752	.955401	32	.034856	.928310	34	.025683	.951772
33	.017002	.972403	33	.025236	.953546	35	.017913	.969684
34	.011168	.983571	34	.017472	.971018	36	.011962	.981647
35	.007020	.990590	35	.011576	.982595	37	.007653	.989299
36	.004225	.994815	36	.007344	.989938	38	.004693	.993992
37	.002436	.997251	37	.004463	.994402	39	.002759	.996751
38	.001346	.998597	38	.002600	.997001	40	.001556	.998308
39	.000713	.999311	39	.001452	.998453	41	.000842	.999150
40	.000363	.999673	40	.000778	.999232	42	.000438	.999588
41	.000177	.999850	41	.000400	.999632	43	.000218	.999806
42	.000083	.999933	42	.000197	.999829	44	.000105	.999911
43	.000037	.999970	43	.000094	.999923	45	.000048	.999958
44	.000016	.999986	44	.000043	.999965	46	.000021	.999980
45	.000007	.999993	45	.000019	.999984	47	.000009	.999989
46	.000003	.999996	46	.000008	.999992	48	.000004	.999993
47	.000001	.999997	47	.000003	.999995	49	.000001	.999995
48	.000000	.999997	48	.000001	.999996	50	.000001	.999995
			49	.000000	.999997	51	.000000	.999995

50-100 BINOMIAL TABLES

n=
100

p=.28

x	Individual Term	Cumulative (x or less)
8	.000001	.000001
9	.000002	.000003
10	.000007	.000010
11	.000024	.000034
12	.000068	.000102
13	.000179	.000281
14	.000433	.000713
15	.000965	.001678
16	.001993	.003671
17	.003829	.007500
18	.006867	.014367
19	.011525	.025891
20	.018151	.044043
21	.026891	.070934
22	.037552	.108486
23	.049525	.158012
24	.061792	.219804
25	.073052	.292856
26	.081949	.374805
27	.087345	.462151
28	.088558	.550709
29	.085505	.636214
30	.078696	.714910
31	.069106	.784016
32	.057948	.841964
33	.046437	.888400
34	.035586	.923986
35	.026097	.950083
36	.018324	.968407
37	.012326	.980733
38	.007947	.988680
39	.004913	.993593
40	.002914	.996507
41	.001658	.998165
42	.000906	.999071
43	.000475	.999546
44	.000239	.999785
45	.000116	.999901
46	.000054	.999955
47	.000024	.999979
48	.000010	.999990
49	.000004	.999994
50	.000002	.999996
51	.000001	.999996
52	.000000	.999996

p=.29

x	Individual Term	Cumulative (x or less)
9	.000001	.000001
10	.000003	.000004
11	.000010	.000014
12	.000030	.000044
13	.000084	.000128
14	.000212	.000340
15	.000497	.000838
16	.001079	.001917
17	.002178	.004095
18	.004102	.008197
19	.007231	.015427
20	.011961	.027389
21	.018612	.046000
22	.027298	.073299
23	.037813	.111111
24	.049552	.160663
25	.061528	.222191
26	.072493	.294684
27	.081153	.375837
28	.086419	.462257
29	.087636	.549893
30	.084715	.634608
31	.078134	.712742
32	.068814	.781556
33	.057918	.839473
34	.046617	.886090
35	.035906	.921996
36	.026480	.948476
37	.018708	.967184
38	.012669	.979852
39	.008226	.988079
40	.005124	.993202
41	.003063	.996265
42	.001757	.998022
43	.000968	.999091
44	.000512	.999503
45	.000260	.999763
46	.000127	.999891
47	.000060	.999950
48	.000027	.999977
49	.000012	.999989
50	.000005	.999994
51	.000002	.999996
52	.000001	.999996
53	.000000	.999997

p=.30

x	Individual Term	Cumulative (x or less)
9	.000000	.000000
10	.000001	.000002
11	.000004	.000006
12	.000013	.000019
13	.000038	.000057
14	.000101	.000157
15	.000248	.000405
16	.000564	.000969
17	.001194	.002163
18	.002360	.004523
19	.004365	.008887
20	.007576	.016463
21	.012368	.028831
22	.019034	.047866
23	.027665	.075531
24	.038039	.113570
25	.049560	.163130
26	.061269	.224399
27	.071967	.296365
28	.080412	.376777
29	.085561	.462338
30	.086784	.549122
31	.083984	.633106
32	.077610	.710717
33	.068539	.779256
34	.057884	.837139
35	.046780	.883919
36	.036198	.920117
37	.026834	.946952
38	.019067	.966018
39	.012990	.979009
40	.008490	.987499
41	.005325	.992824
42	.003206	.996030
43	.001853	.997883
44	.001029	.998911
45	.000549	.999460
46	.000281	.999741
47	.000138	.999880
48	.000066	.999945
49	.000030	.999975
50	.000013	.999988
51	.000005	.999994
52	.000002	.999996
53	.000001	.999997
54	.000000	.999997

n=
100

50-100 BINOMIAL TABLES

p=.31			p=.32			p=.33		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
10	.000000	.000001	10	.000000	.000000	12	.000001	.000001
11	.000002	.000002	11	.000001	.000001	13	.000003	.000004
12	.000005	.000008	12	.000002	.000003	14	.000009	.000013
13	.000017	.000024	13	.000007	.000010			
14	.000046	.000071	14	.000021	.000031	15	.000025	.000038
15	.000119	.000190	15	.000055	.000086	16	.000065	.000103
16	.000285	.000474	16	.000139	.000225	17	.000159	.000262
17	.000632	.001106	17	.000323	.000547	18	.000361	.000624
18	.001308	.002414	18	.000700	.001247	19	.000768	.001392
19	.002537	.004951	19	.001422	.002669	20	.001533	.002925
20	.004616	.009568	20	.002709	.005378	21	.002876	.005800
21	.007901	.017469	21	.004837	.010235	22	.005086	.010886
22	.012747	.030216	22	.008208	.018443	23	.008495	.019381
23	.019422	.049638	23	.013099	.031542	24	.013424	.032806
24	.027995	.077633	24	.019776	.051318	25	.020100	.052906
25	.038236	.115869	25	.028292	.079610	26	.028558	.081464
26	.049553	.165422	26	.038405	.118016	27	.038551	.120015
27	.061017	.226439	27	.049534	.167550	28	.049504	.169519
28	.071471	.297910	28	.060773	.228322	29	.060536	.230056
29	.079721	.377631	29	.071004	.299326	30	.070565	.300621
30	.084766	.462397	30	.079079	.378405	31	.078481	.379102
31	.089959	.548392	31	.084031	.462436	32	.083350	.462452
32	.083308	.631700	32	.085267	.547702	33	.084594	.547046
33	.077125	.708825	33	.082683	.630385	34	.082106	.629152
34	.068281	.777106	34	.076675	.707060	35	.076259	.705411
35	.057848	.834954	35	.068041	.775100	36	.067817	.773228
36	.046926	.881880	36	.057812	.832913	37	.057777	.831005
37	.036467	.918347	37	.047059	.879971	38	.047179	.878184
38	.027163	.945510	38	.036715	.916686	39	.036942	.915126
39	.019401	.964910	39	.027467	.944153	40	.027748	.942874
40	.013292	.978203	40	.019711	.963864	41	.020000	.962874
41	.008739	.986942	41	.013575	.977439	42	.013838	.976712
42	.005516	.992457	42	.008974	.986412	43	.009193	.985906
43	.003342	.995800	43	.005696	.992108	44	.005866	.991772
44	.001945	.997745	44	.003472	.995581	45	.003595	.995367
45	.001088	.998833	45	.002034	.997614	46	.002217	.997484
46	.000584	.999417	46	.001144	.998758	47	.001198	.998683
47	.000302	.999719	47	.000619	.999377	48	.000652	.999334
48	.000150	.999868	48	.000321	.999698	49	.000341	.999675
49	.000071	.999940	49	.000161	.999859	50	.000171	.999846
50	.000033	.999972	50	.000077	.999936	51	.000083	.999928
51	.000014	.999987	51	.000036	.999972	52	.000038	.999967
52	.000006	.999993	52	.000016	.999987	53	.000017	.999984
53	.000002	.999995	53	.000007	.999994	54	.000007	.999991
54	.000001	.999996	54	.000003	.999997	55	.000003	.999994
55	.000000	.999997	55	.000001	.999998	56	.000001	.999995
			56	.000000	.999998	57	.000000	.999996

50-100 BINOMIAL TABLES

n=
100

p=.34

x	Individual Term	Cumulative (x or less)
12	.000000	.000000
13	.000001	.000002
14	.000004	.000005
15	.000011	.000016
16	.000030	.000046
17	.000076	.000122
18	.000180	.000302
19	.000401	.000703
20	.000836	.001539
21	.001641	.003180
22	.003035	.006215
23	.005303	.011518
24	.008764	.020282
25	.013725	.034007
26	.020396	.054402
27	.028796	.083199
28	.038676	.121874
29	.049466	.171341
30	.060309	.231645
31	.070154	.301803
32	.077927	.379730
33	.082721	.462451
34	.083974	.546425
35	.081575	.628000
36	.075876	.703875
37	.067611	.771486
38	.057744	.829230
39	.047290	.876520
40	.037151	.913672
41	.028008	.941680
42	.020268	.961948
43	.014083	.976031
44	.009399	.985430
45	.006025	.991455
46	.003711	.995166
47	.002197	.997363
48	.001249	.998612
49	.000683	.999296
50	.000359	.999654
51	.000181	.999836
52	.000088	.999924
53	.000041	.999965
54	.000018	.999983
55	.000008	.999991
56	.000003	.999994
57	.000001	.999996
58	.000000	.999996

p=.35

x	Individual Term	Cumulative (x or less)
13	.000000	.000001
14	.000001	.000002
15	.000005	.000007
16	.000013	.000020
17	.000035	.000055
18	.000087	.000142
19	.000202	.000343
20	.000440	.000784
21	.000903	.001686
22	.001746	.003432
23	.003188	.006620
24	.005507	.012127
25	.009015	.021142
26	.014002	.035144
27	.020664	.055807
28	.029009	.084816
29	.038781	.123598
30	.049421	.173019
31	.060090	.233109
32	.069768	.302877
33	.077412	.380289
34	.082141	.462430
35	.083404	.545834
36	.081087	.626921
37	.075524	.702446
38	.067422	.769867
39	.057714	.827581
40	.047392	.874973
41	.037345	.912317
42	.028248	.940565
43	.020516	.961082
44	.014311	.975393
45	.009390	.984982
46	.006174	.991156
47	.003820	.994976
48	.002271	.997247
49	.001298	.998545
50	.000713	.999257
51	.000376	.999634
52	.000191	.999824
53	.000093	.999918
54	.000044	.999961
55	.000020	.999981
56	.000009	.999989
57	.000004	.999993
58	.000001	.999994
59	.000001	.999995
60	.000000	.999995

p=.36

x	Individual Term	Cumulative (x or less)
13	.000000	.000000
14	.000001	.000001
15	.000002	.000003
16	.000006	.000008
17	.000016	.000024
18	.000040	.000064
19	.000098	.000163
20	.000224	.000386
21	.000479	.000865
22	.000968	.001834
23	.001847	.003680
24	.003333	.007013
25	.005699	.012712
26	.009247	.021960
27	.014256	.036216
28	.020907	.057123
29	.029198	.086321
30	.038870	.125190
31	.049371	.174561
32	.059881	.234442
33	.069408	.303850
34	.076936	.380786
35	.081607	.462393
36	.082882	.545274
37	.080642	.625916
38	.075204	.701120
39	.067249	.768369
40	.057687	.826057
41	.047487	.873543
42	.037523	.911066
43	.028469	.939535
44	.020745	.960281
45	.014522	.974803
46	.009767	.984569
47	.006312	.990881
48	.003920	.994802
49	.002340	.997142
50	.001343	.998485
51	.000740	.999225
52	.000392	.999618
53	.000200	.999818
54	.000098	.999915
55	.000046	.999962
56	.000021	.999982
57	.000009	.999991
58	.000004	.999995
59	.000002	.999997
60	.000001	.999997
61	.000000	.999997

n=
100

50-100 BINOMIAL TABLES

p=.37

x	Individual Term	Cumulative (x or less)
15	.000001	.000001
16	.000002	.000003
17	.000007	.000010
18	.000018	.000028
19	.000046	.000074
20	.000110	.000184
21	.000246	.000430
22	.000517	.000948
23	.001031	.001979
24	.001944	.003923
25	.003470	.007393
26	.005879	.013271
27	.009463	.022734
28	.014489	.037223
29	.021127	.058349
30	.029365	.087714
31	.038943	.126657
32	.049316	.175973
33	.059682	.235655
34	.069072	.304726
35	.076496	.381222
36	.081116	.462338
37	.082404	.544742
38	.080235	.624978
39	.074913	.699891
40	.067094	.766985
41	.057665	.824650
42	.047575	.872225
43	.037688	.909913
44	.028674	.938586
45	.020957	.959543
46	.014716	.974259
47	.009930	.984189
48	.006439	.990628
49	.004013	.994641
50	.002404	.997045
51	.001384	.998430
52	.000766	.999196
53	.000407	.999603
54	.000208	.999812
55	.000102	.999914
56	.000048	.999962
57	.000022	.999984
58	.000010	.999994
59	.000004	.999998
60	.000002	.999999
61	.000001	1.000000

p=.38

x	Individual Term	Cumulative (x or less)
15	.000001	.000001
16	.000003	.000004
17	.000007	.000012
18	.000018	.000021
19	.000021	.000033
20	.000052	.000085
21	.000121	.000206
22	.000267	.000474
23	.000556	.001029
24	.001093	.002122
25	.002036	.004158
26	.003599	.007757
27	.006046	.013802
28	.009661	.023463
29	.014701	.038164
30	.021324	.059488
31	.029512	.088999
32	.039002	.128001
33	.049257	.177258
34	.059492	.236750
35	.068758	.305509
36	.076090	.381599
37	.080668	.462267
38	.081969	.544235
39	.079867	.624102
40	.074650	.698752
41	.066956	.765708
42	.057648	.823356
43	.047658	.871014
44	.037840	.908854
45	.028861	.937715
46	.021150	.958865
47	.014894	.973759
48	.010079	.983838
49	.006556	.990394
50	.004098	.994492
51	.002463	.996955
52	.001422	.998377
53	.000789	.999167
54	.000421	.999588
55	.000216	.999804
56	.000106	.999910
57	.000050	.999961
58	.000023	.999983
59	.000010	.999993
60	.000004	.999998
61	.000002	.999999
62	.000001	1.000000

p=.39

x	Individual Term	Cumulative (x or less)
17	.000001	.000001
18	.000003	.000005
19	.000009	.000014
20	.000024	.000038
21	.000058	.000096
22	.000133	.000229
23	.000289	.000518
24	.000592	.001110
25	.001151	.002261
26	.002123	.004384
27	.003720	.008104
28	.006200	.014304
29	.009842	.024146
30	.014892	.039039
31	.021500	.060539
32	.029639	.090178
33	.039048	.129226
34	.049196	.178423
35	.059312	.237734
36	.068468	.306202
37	.075718	.381921
38	.080259	.462179
39	.081574	.543754
40	.079535	.623289
41	.074415	.697704
42	.066834	.764538
43	.057636	.822174
44	.047736	.869911
45	.037980	.907891
46	.029034	.936924
47	.021327	.958252
48	.015056	.973307
49	.010215	.983522
50	.006662	.990184
51	.004176	.994359
52	.002516	.996875
53	.001457	.998332
54	.000811	.999142
55	.000433	.999576
56	.000223	.999798
57	.000110	.999908
58	.000052	.999960
59	.000024	.999984
60	.000010	.999994
61	.000004	.999999
62	.000002	1.000000
63	.000001	1.000001

50-100 BINOMIAL TABLES

n=
100

p=.40		
x	Individual Term	Cumulative (x or less)
18	.000001	.000002
19	.000004	.000006
20	.000011	.000016
21	.000027	.000043
22	.000064	.000107
23	.000145	.000252
24	.000310	.000561
25	.000627	.001189
26	.001207	.002395
27	.002205	.004600
28	.003832	.008432
29	.006343	.014775
30	.010008	.024783
31	.015065	.039848
32	.021656	.061504
33	.029750	.091253
34	.039083	.130336
35	.049133	.179469
36	.059141	.238610
37	.068199	.306810
38	.075378	.382187
39	.079888	.462075
40	.081219	.543294
41	.079239	.622533
42	.074208	.696741
43	.066729	.763470
44	.057630	.821100
45	.047811	.868911
46	.038111	.907022
47	.029191	.936213
48	.021488	.957700
49	.015202	.972903
50	.010338	.983240
51	.006757	.989997
52	.004245	.994241
53	.002563	.996804
54	.001487	.998291
55	.000829	.999120
56	.000444	.999564
57	.000229	.999793
58	.000113	.999906
59	.000054	.999960
60	.000024	.999984
61	.000011	.999995
62	.000004	.999999
63	.000002	1.000001
64	.000001	1.000002

p=.41		
x	Individual Term	Cumulative (x or less)
18	.000001	.000001
19	.000002	.000002
20	.000004	.000007
21	.000012	.000019
22	.000030	.000048
23	.000070	.000118
24	.000156	.000274
25	.000330	.000604
26	.000661	.001265
27	.001259	.002524
28	.002281	.004806
29	.003936	.008741
30	.006473	.015214
31	.010157	.025371
32	.015219	.040590
33	.021793	.062384
34	.029843	.092227
35	.039107	.131334
36	.049068	.180402
37	.058981	.239383
38	.067951	.307334
39	.075068	.382403
40	.079553	.461956
41	.080902	.542858
42	.078976	.621834
43	.074026	.695860
44	.066641	.762500
45	.057630	.820130
46	.047883	.868013
47	.038230	.906243
48	.029334	.935578
49	.021633	.957211
50	.015334	.972544
51	.010447	.982991
52	.006841	.989832
53	.004305	.994137
54	.002604	.996741
55	.001513	.998254
56	.000845	.999099
57	.000453	.999553
58	.000234	.999786
59	.000116	.999902
60	.000055	.999957
61	.000025	.999982
62	.000011	.999993
63	.000005	.999997
64	.000002	.999999
65	.000001	1.000000
66	.000000	1.000000

p=.42		
x	Individual Term	Cumulative (x or less)
19	.000001	.000001
20	.000002	.000002
21	.000005	.000008
22	.000013	.000021
23	.000033	.000054
24	.000076	.000130
25	.000167	.000297
26	.000349	.000646
27	.000693	.001339
28	.001308	.002647
29	.002352	.004999
30	.004031	.009029
31	.006591	.015620
32	.010291	.025911
33	.015356	.041267
34	.021912	.063179
35	.029922	.093101
36	.039122	.132222
37	.049002	.181225
38	.058830	.240054
39	.067724	.307779
40	.074789	.382567
41	.079254	.461822
42	.080621	.542443
43	.078746	.621189
44	.073871	.695059
45	.066569	.761628
46	.057636	.819264
47	.047953	.867217
48	.038341	.905558
49	.029464	.935022
50	.021763	.956785
51	.015450	.972236
52	.010543	.982778
53	.006914	.989693
54	.004358	.994050
55	.002639	.996690
56	.001536	.998225
57	.000858	.999084
58	.000461	.999545
59	.000238	.999782
60	.000118	.999900
61	.000056	.999956
62	.000025	.999981
63	.000011	.999992
64	.000005	.999997
65	.000002	.999999
66	.000001	.999999
67	.000000	1.000000

n=
100

50-100 BINOMIAL TABLES

p=.43			p=.44			p=.45		
x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)	x	Individual Term	Cumulative (x or less)
20	.000001	.000001	21	.000001	.000001	22	.000001	.000001
21	.000002	.000003	22	.000002	.000003	23	.000003	.000004
22	.000006	.000009	23	.000006	.000010	24	.000007	.000011
23	.000015	.000024	24	.000016	.000026			
24	.000036	.000059				25	.000017	.000028
			25	.000038	.000064	26	.000041	.000069
25	.000082	.000141	26	.000087	.000151	27	.000092	.000162
26	.000178	.000319	27	.000188	.000339	28	.000197	.000359
27	.000367	.000686	28	.000385	.000724	29	.000401	.000760
28	.000723	.001409	29	.000750	.001474			
29	.001354	.002762				30	.000776	.001535
			30	.001395	.002870	31	.001433	.002968
30	.002417	.005179	31	.002476	.005345	32	.002528	.005497
31	.004117	.009296	32	.004194	.009539	33	.004263	.009760
32	.006697	.015993	33	.006791	.016330	34	.006873	.016692
33	.010410	.026402	34	.010514	.026844			
34	.015475	.041878				35	.010604	.027236
			35	.015578	.042422	36	.015664	.042900
35	.022014	.063892	36	.022099	.064521	37	.022169	.065069
36	.029985	.093877	37	.030035	.094556	38	.030071	.095140
37	.039127	.133004	38	.039124	.133680	39	.039113	.134254
38	.048936	.181940	39	.048870	.182550			
39	.058688	.240629				40	.048803	.183057
			40	.058556	.241106	41	.058434	.241490
40	.067517	.308146	41	.067329	.308436	42	.067161	.308651
41	.074538	.382683	42	.074314	.382750	43	.074118	.382769
42	.078990	.461673	43	.078758	.461508	44	.078559	.461329
43	.080376	.542049	44	.080165	.541673			
44	.078549	.620598				45	.079988	.541316
			45	.078383	.620056	46	.078249	.619565
45	.073741	.694339	46	.073637	.693693	47	.073557	.693122
46	.066513	.760852	47	.066474	.760167	48	.066452	.759573
47	.057650	.818502	48	.057670	.817338	49	.057698	.817272
48	.048020	.866522	49	.048087	.865924			
49	.038444	.904966				50	.048152	.865424
			50	.038538	.904462	51	.038625	.904049
50	.029581	.934548	51	.029686	.934149	52	.029779	.933827
51	.021878	.956426	52	.021979	.956128	53	.022066	.955893
52	.015552	.971978	53	.015640	.971763	54	.015714	.971607
53	.010626	.982604	54	.010696	.982264			
54	.006977	.989581				55	.010753	.982360
			55	.007029	.989492	56	.007070	.989429
55	.004402	.993983	56	.004438	.993930	57	.004466	.993894
56	.002668	.996651	57	.002692	.996621	58	.002708	.996603
57	.001554	.998205	58	.001568	.998189	59	.001577	.998180
58	.000859	.999074	59	.000877	.999066			
59	.000467	.999541				60	.000882	.999062
			60	.000471	.999537	61	.000473	.999535
60	.000241	.999782	61	.000243	.999780	62	.000244	.999779
61	.000119	.999901	62	.000120	.999900	63	.000120	.999899
62	.000056	.999957	63	.000057	.999956	64	.000057	.999956
63	.000026	.999983	64	.000026	.999982			
64	.000011	.999994				65	.000026	.999981
			65	.000011	.999993	66	.000011	.999993
65	.000005	.999999	66	.000005	.999998	67	.000005	.999997
66	.000002	1.000001	67	.000002	1.000000	68	.000002	.999999
67	.000001	1.000001	68	.000001	1.000001	69	.000001	1.000000
68	.000000	1.000002	69	.000000	1.000001			
						70	.000000	1.000000

50-100 BINOMIAL TABLES

n=
100

p=.46		
x	Individual Term	Cumulative (x or less)
23	.000001	.000001
24	.000003	.000004
25	.000008	.000012
26	.000019	.000031
27	.000044	.000075
28	.000097	.000172
29	.000206	.000378
30	.000415	.000793
31	.000799	.001592
32	.001467	.003059
33	.002575	.005634
34	.004322	.009956
35	.006943	.016899
36	.010679	.027578
37	.015735	.043314
38	.022223	.065536
39	.030095	.095631
40	.039095	.134726
41	.048737	.183463
42	.058321	.241783
43	.067011	.308794
44	.073949	.382743
45	.078392	.461135
46	.079844	.540978
47	.078145	.619123
48	.073502	.692625
49	.066446	.759071
50	.057734	.816805
51	.048217	.865022
52	.038704	.903726
53	.029860	.933585
54	.022139	.955724
55	.015773	.971497
56	.010797	.982294
57	.007100	.989393
58	.004484	.993877
59	.002719	.996596
60	.001583	.998179
61	.000884	.999063
62	.000474	.999537
63	.000243	.999780
64	.000120	.999900
65	.000057	.999956
66	.000026	.999982
67	.000011	.999993
68	.000005	.999998
69	.000002	.999999
70	.000001	1.000000
71	.000000	1.000000

p=.47		
x	Individual Term	Cumulative (x or less)
24	.000001	.000002
25	.000003	.000005
26	.000008	.000013
27	.000020	.000033
28	.000046	.000079
29	.000102	.000181
30	.000214	.000395
31	.000428	.000823
32	.000819	.001642
33	.001497	.003139
34	.002615	.005754
35	.004373	.010127
36	.007002	.017129
37	.010741	.027870
38	.015791	.043661
39	.022262	.065923
40	.030106	.096029
41	.039070	.135098
42	.048670	.183769
43	.058217	.241985
44	.066879	.308864
45	.073805	.382670
46	.078256	.460925
47	.079732	.540657
48	.078071	.618728
49	.073471	.692200
50	.066457	.758657
51	.057778	.816435
52	.048281	.864716
53	.038776	.903492
54	.029929	.933421
55	.022198	.955619
56	.015818	.971437
57	.010828	.982265
58	.007119	.989384
59	.004494	.993878
60	.002723	.996601
61	.001584	.998185
62	.000883	.999068
63	.000473	.999541
64	.000242	.999783
65	.000119	.999902
66	.000056	.999958
67	.000025	.999983
68	.000011	.999994
69	.000004	.999998
70	.000002	1.000000
71	.000001	1.000001
72	.000000	1.000001

p=.48		
x	Individual Term	Cumulative (x or less)
25	.000001	.000002
26	.000003	.000005
27	.000009	.000014
28	.000021	.000035
29	.000049	.000084
30	.000106	.000190
31	.000221	.000411
32	.000440	.000851
33	.000837	.001687
34	.001522	.003209
35	.002649	.005858
36	.004415	.010273
37	.007050	.017323
38	.010789	.028112
39	.015832	.043943
40	.022286	.066229
41	.030105	.096335
42	.039037	.135372
43	.048605	.183976
44	.058122	.242098
45	.066765	.308863
46	.073687	.382551
47	.078150	.460701
48	.079653	.540353
49	.078027	.618380
50	.073465	.691846
51	.066485	.758330
52	.057830	.816160
53	.048345	.864505
54	.038842	.903347
55	.029987	.933334
56	.022243	.955577
57	.015849	.971426
58	.010846	.982272
59	.007127	.989399
60	.004496	.993895
61	.002721	.996616
62	.001580	.998196
63	.000880	.999076
64	.000469	.999546
65	.000240	.999786
66	.000117	.999903
67	.000055	.999958
68	.000025	.999983
69	.000010	.999993
70	.000004	.999997
71	.000002	.999999
72	.000001	1.000000

n=
100

50-100 BINOMIAL TABLES

p=.49		
x	Individual Term	Cumulative (x or less)
25	.000001	.000001
26	.000001	.000002
27	.000004	.000006
28	.000009	.000015
29	.000022	.000037
30	.000051	.000088
31	.000110	.000197
32	.000227	.000425
33	.000450	.000874
34	.000852	.001726
35	.001543	.003269
36	.002677	.005946
37	.004448	.010394
38	.007086	.017480
39	.010823	.028303
40	.015858	.044161
41	.022296	.066457
42	.030093	.096549
43	.038998	.135548
44	.048539	.184087
45	.058036	.242123
46	.066669	.308792
47	.073595	.382387
48	.078074	.460461
49	.079605	.540067
50	.078013	.618080
51	.073484	.691564
52	.066529	.758093
53	.057890	.815983
54	.048410	.864393
55	.038900	.903293
56	.030033	.933326
57	.022275	.955601
58	.015866	.971467
59	.010852	.982319
60	.007125	.989443
61	.004489	.993932
62	.002713	.996645
63	.001572	.998217
64	.000873	.999090
65	.000465	.999555
66	.000237	.999791
67	.000115	.999907
68	.000054	.999961
69	.000024	.999985
70	.000010	.999995
71	.000004	.999999
72	.000002	1.000001
73	.000001	1.000001
74	.000000	1.000001

p=.50		
x	Individual Term	Cumulative (x or less)
25	.000001	.000001
26	.000002	.000002
27	.000004	.000006
28	.000010	.000016
29	.000023	.000039
30	.000052	.000091
31	.000113	.000204
32	.000232	.000437
33	.000458	.000895
34	.000864	.001758
35	.001560	.003318
36	.002698	.006016
37	.004473	.010489
38	.007111	.017600
39	.010844	.028444
40	.015869	.044313
41	.022292	.066605
42	.030069	.096674
43	.038953	.135626
44	.048474	.184101
45	.057958	.242059
46	.066590	.308649
47	.073527	.382176
48	.078029	.460205
49	.079589	.539794
50	.078029	.617823
51	.073527	.691350
52	.066590	.757940
53	.057958	.815899
54	.048474	.864373
55	.038953	.903326
56	.030069	.933394
57	.022292	.955686
58	.015869	.971556
59	.010844	.982399
60	.007111	.989510
61	.004473	.993983
62	.002698	.996681
63	.001560	.998241
64	.000864	.999105
65	.000458	.999563
66	.000232	.999795
67	.000113	.999908
68	.000052	.999960
69	.000023	.999983
70	.000010	.999993
71	.000004	.999997
72	.000002	.999999
73	.000001	.999999
74	.000001	.999999
75	.000000	1.000000

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